

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111119\
 Data File : BP001019.D
 Acq On : 11 Nov 2019 16:31
 Operator : JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Nov 12 04:14:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 17:07:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.38	152	197918	20.00	ng	0.00
21) Naphthalene-d8	10.40	136	706517	20.00	ng	0.00
39) Acenaphthene-d10	13.26	164	426290	20.00	ng	0.00
64) Phenanthrene-d10	15.66	188	875254	20.00	ng	0.00
76) Chrysene-d12	19.30	240	761490	20.00	ng	0.00
87) Perylene-d12	21.08	264	895017	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	844181	77.64	ng	0.00
7) Phenol-d6	7.81	99	1070953	77.89	ng	0.00
23) Nitrobenzene-d5	9.25	82	1022365	80.05	ng	0.00
42) 2,4,6-Tribromophenol	14.56	330	426568	83.82	ng	0.00
45) 2-Fluorobiphenyl	12.18	172	2280851	80.58	ng	0.00
79) Terphenyl-d14	17.94	244	3079677	80.45	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.81	88	173649	36.730	ng	99
3) Pyridine	3.65	79	441500	35.321	ng	98
4) n-Nitrosodimethylamine	3.56	42	168483	38.674	ng	90
6) Aniline	7.85	93	689173	38.377	ng	98
8) 2-Chlorophenol	8.03	128	455563	39.509	ng	99
9) Benzaldehyde	7.68	77	345178	35.979	ng	97
10) Phenol	7.83	94	593646	39.472	ng	95
11) bis(2-Chloroethyl)ether	7.98	93	442882	37.827	ng	99
12) 1,3-Dichlorobenzene	8.28	146	564815	39.044	ng	99
13) 1,4-Dichlorobenzene	8.40	146	568291	39.001	ng	99
14) 1,2-Dichlorobenzene	8.63	146	531634	39.453	ng	99
15) Benzyl Alcohol	8.60	79	424638	40.526	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.83	45	439741	35.963	ng	98
17) 2-Methylphenol	8.78	107	376993	38.509	ng	98
18) Hexachloroethane	9.18	117	213140	39.823	ng	96
19) n-Nitroso-di-n-propylamine	9.03	70	318026	38.518	ng	99
20) 3+4-Methylphenols	9.03	107	481694	39.661	ng	93
22) Acetophenone	9.02	105	708976	38.856	ng	# 99
24) Nitrobenzene	9.28	77	497224	38.797	ng	97
25) Isophorone	9.68	82	888326	37.787	ng	98
26) 2-Nitrophenol	9.79	139	189893	39.650	ng	95
27) 2,4-Dimethylphenol	9.88	122	340382	37.954	ng	99
28) bis(2-Chloroethoxy)methane	10.04	93	579518	37.703	ng	99
29) 2,4-Dichlorophenol	10.18	162	429234	39.653	ng	99
30) 1,2,4-Trichlorobenzene	10.32	180	516955	38.874	ng	99
31) Naphthalene	10.44	128	1379625	39.084	ng	100
32) Benzoic acid	10.03	122	213610	40.804	ng	99
33) 4-Chloroaniline	10.53	127	588713	38.893	ng	99
34) Hexachlorobutadiene	10.66	225	357368	40.675	ng	98
35) Caprolactam	11.10	113	130955	38.329	ng	96
36) 4-Chloro-3-methylphenol	11.33	107	450242	40.056	ng	96
37) 2-Methylnaphthalene	11.57	142	976628	39.529	ng	100
38) 1-Methylnaphthalene	11.73	142	917354	39.295	ng	100
40) 1,2,4,5-Tetrachlorobenzene	11.85	216	564041	39.737	ng	100

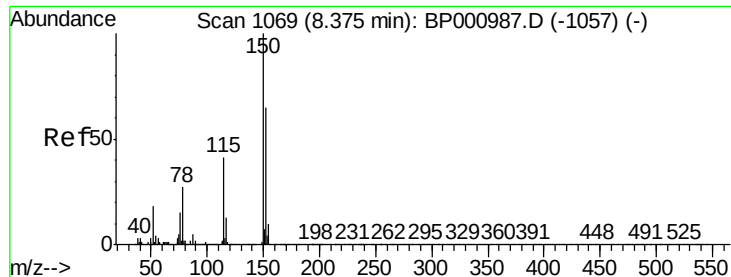
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111119\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 17:07:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	11.84	237	283385	39.852	ng	99
43) 2,4,6-Trichlorophenol	12.03	196	337743	39.464	ng	97
44) 2,4,5-Trichlorophenol	12.08	196	359616	39.301	ng	100
46) 1,1'-Biphenyl	12.34	154	1260529	39.546	ng	99
47) 2-Chloronaphthalene	12.36	162	996317	38.828	ng	99
48) 2-Nitroaniline	12.52	65	268805	40.022	ng	99
49) Acenaphthylene	13.03	152	1530629	39.237	ng	99
50) Dimethylphthalate	12.86	163	1242038	39.403	ng	100
51) 2,6-Dinitrotoluene	12.93	165	260637	39.639	ng	90
52) Acenaphthene	13.32	154	905853	38.825	ng	97
53) 3-Nitroaniline	13.20	138	277694	38.721	ng	99
54) 2,4-Dinitrophenol	13.37	184	72293	40.267	ng	93
55) Dibenzofuran	13.60	168	1429227	39.218	ng	98
56) 4-Nitrophenol	13.47	139	194624	39.025	ng	91
57) 2,4-Dinitrotoluene	13.59	165	342208	41.435	ng	98
58) Fluorene	14.17	166	1148635	39.604	ng	99
59) 2,3,4,6-Tetrachlorophenol	13.80	232	316504	40.681	ng	97
60) Diethylphthalate	14.03	149	1246175	39.358	ng	99
61) 4-Chlorophenyl-phenylether	14.19	204	607390	39.608	ng	98
62) 4-Nitroaniline	12.52	138	309029	40.189	ng	99
63) Azobenzene	14.45	77	1043855	37.669	ng	99
65) 4,6-Dinitro-2-methylphenol	14.25	198	101227	39.095	ng	99
66) n-Nitrosodiphenylamine	14.38	169	981276	38.993	ng	99
67) 4-Bromophenyl-phenylether	14.98	248	407114	39.512	ng	98
68) Hexachlorobenzene	15.06	284	474367	39.728	ng	99
69) Atrazine	15.26	200	353423	38.571	ng	100
70) Pentachlorophenol	15.37	266	219590	41.315	ng	99
71) Phenanthrene	15.70	178	1771867	39.554	ng	100
72) Anthracene	15.77	178	1728427	39.553	ng	99
73) Carbazole	16.02	167	1581035	39.462	ng	99
74) Di-n-butylphthalate	16.57	149	1938221	40.085	ng	100
75) Fluoranthene	17.40	202	2034267	40.176	ng	98
77) Benzidine	17.59	184	1006359	35.887	ng	99
78) Pyrene	17.71	202	2041066	37.927	ng	100
80) Butylbenzylphthalate	18.59	149	822754	38.611	ng	98
81) Benzo(a)anthracene	19.29	228	1990570	38.813	ng	100
82) 3,3'-Dichlorobenzidine	19.25	252	735252	39.320	ng	98
83) Chrysene	19.33	228	1810209	40.204	ng	100
84) Bis(2-ethylhexyl)phthalate	19.34	149	1101324	40.649	ng	99
85) Di-n-octyl phthalate	20.12	149	1966539	40.319	ng	99
86) Indeno(1,2,3-cd)pyrene	22.76	276	2478019	40.222	ng	98
88) Benzo(b)fluoranthene	20.63	252	2018405	37.833	ng	97
89) Benzo(k)fluoranthene	20.63	252	2018405	40.191	ng	98
90) Benzo(a)pyrene	21.01	252	1910572	38.945	ng	99
91) Dibenzo(a,h)anthracene	22.79	278	2016387	40.272	ng	98
92) Benzo(g,h,i)perylene	23.25	276	1991311	39.497	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.38 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BP001019.D

Acq: 11 Nov 2019 16:31

Instrument :

BNA_P

ClientSampleId :

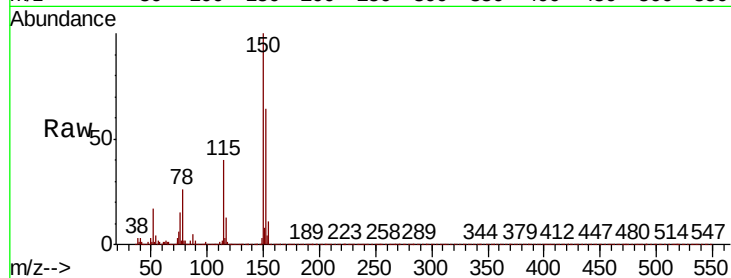
Tot Ion:152 Resp: 197918

Ion Ratio Lower Upper

152 100

150 156.6 123.6 185.4

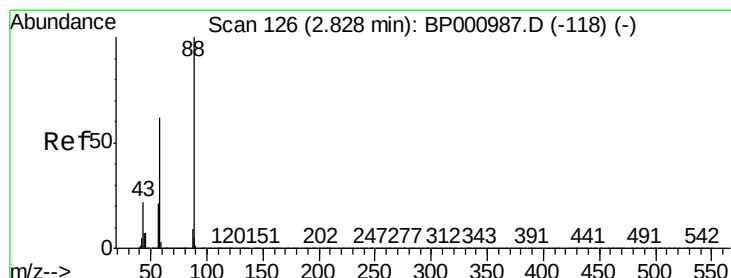
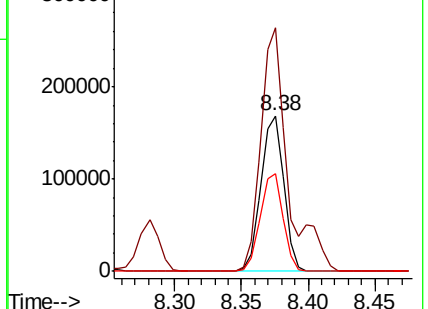
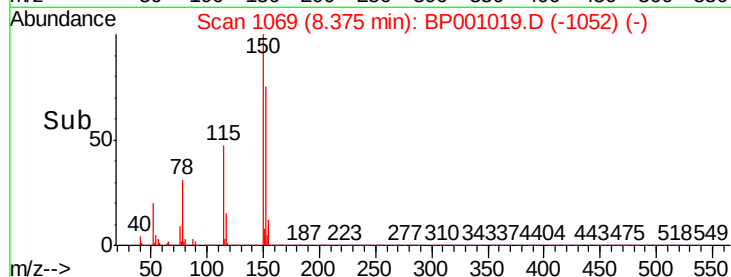
115 62.6 50.1 75.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.730 ng

RT: 2.81 min Scan# 123

Delta R.T. -0.02 min

Lab File: BP001019.D

Acq: 11 Nov 2019 16:31

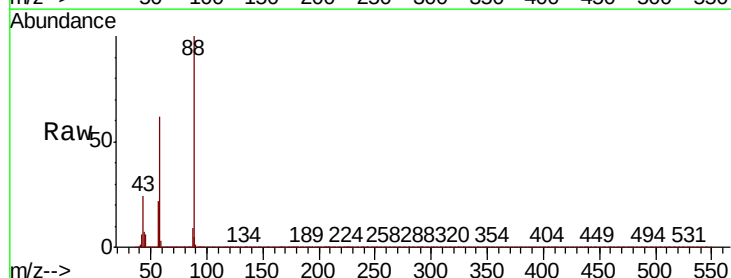
Tgt Ion: 88 Resp: 173649

Ion Ratio Lower Upper

88 100

58 61.8 49.8 74.8

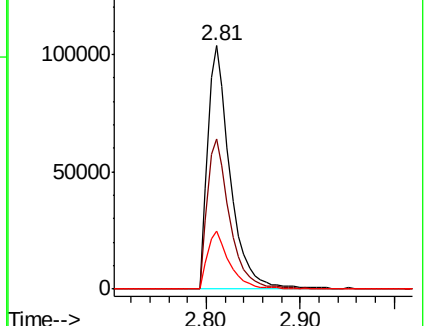
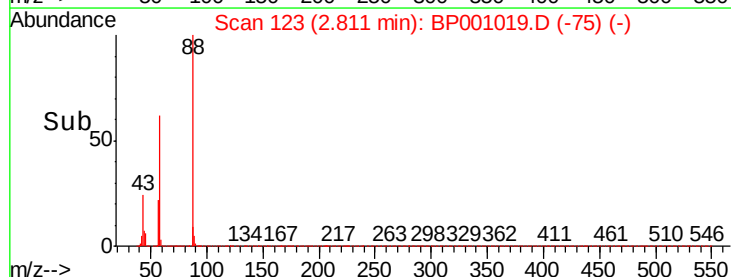
43 23.4 17.6 26.4

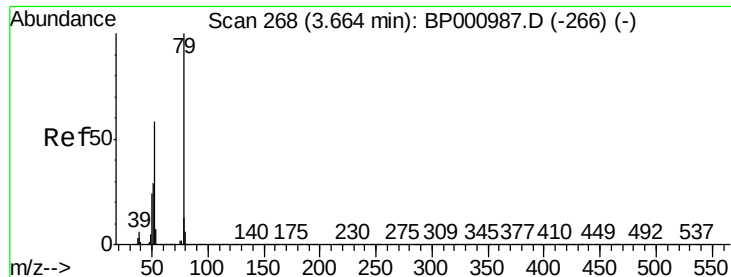


Abundance Ion 88.00 (87.70 to 88.70): BP0

Ion 58.00 (57.70 to 58.70): BP0

Ion 43.00 (42.70 to 43.70): BP0





#3

Pvridine

Concen: 35.321 ng

RT: 3.65 min Scan# 265

Delta R.T. -0.02 min

Lab File: BP001019.D

Acq: 11 Nov 2019 16:31

Instrument :

BNA_P

ClientSampleId :

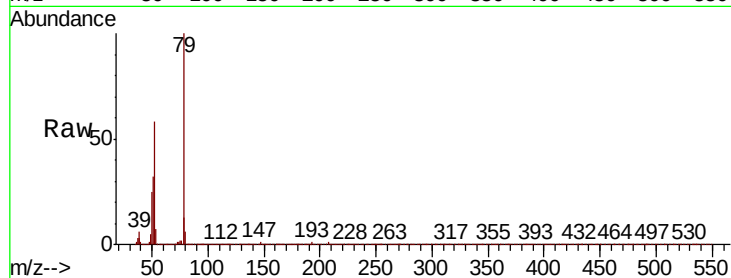
Tot Ion: 79 Resp: 441500

Ion Ratio Lower Upper

79 100

52 58.3 46.4 69.6

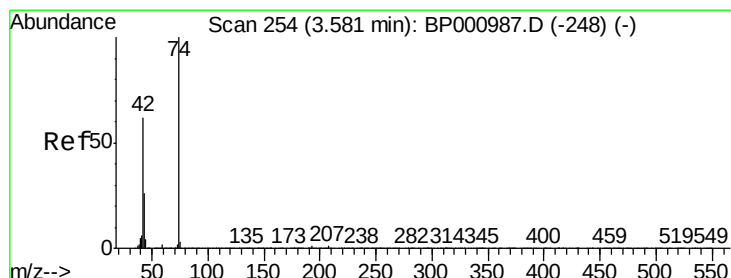
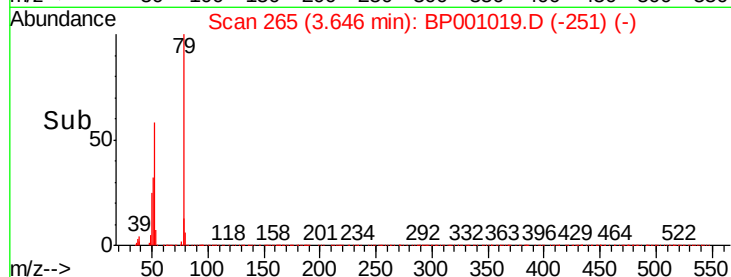
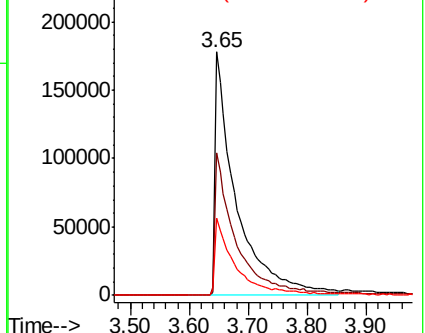
51 31.9 23.4 35.0



Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 52.00 (51.70 to 52.70): BP0

Ion 51.00 (50.70 to 51.70): BP0



#4

n-Nitrosodimethylamine

Concen: 38.674 ng

RT: 3.56 min Scan# 250

Delta R.T. -0.02 min

Lab File: BP001019.D

Acq: 11 Nov 2019 16:31

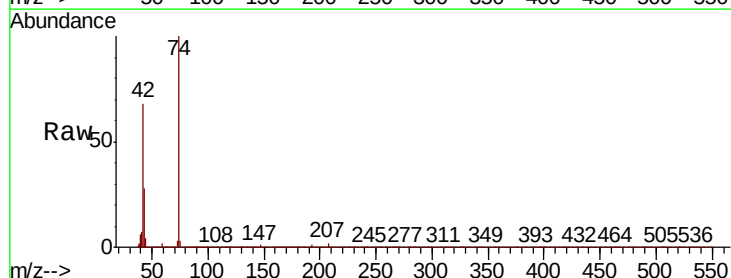
Tgt Ion: 42 Resp: 168483

Ion Ratio Lower Upper

42 100

74 146.9 128.4 192.6

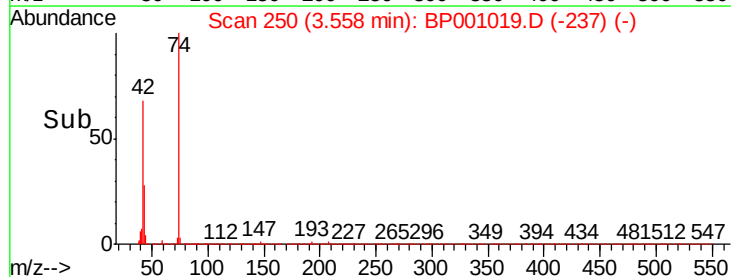
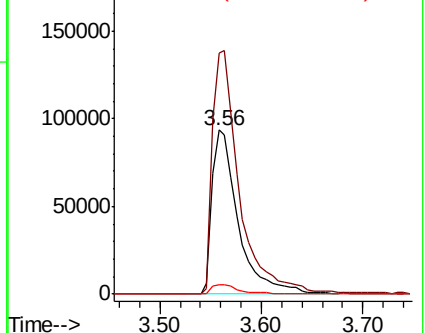
44 5.5 5.4 8.2

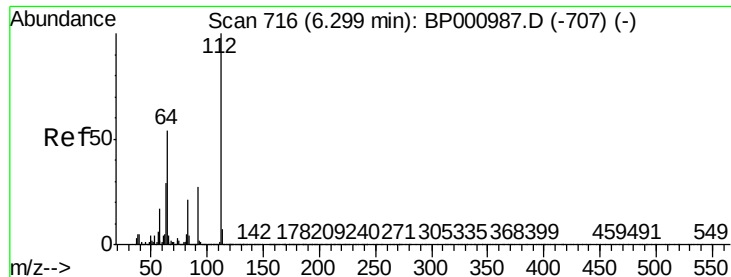


Abundance Ion 42.00 (41.70 to 42.70): BP0

Ion 74.00 (73.70 to 74.70): BP0

Ion 44.00 (43.70 to 44.70): BP0





#5

2-Fluorophenol

Concen: 77.636 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BP001019.D

Acq: 11 Nov 2019 16:31

Instrument :

BNA_P

ClientSampled :

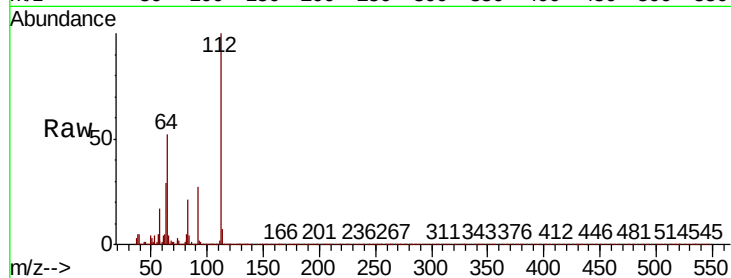
Tot Ion:112 Resp: 844181

Ion Ratio Lower Upper

112 100

64 51.8 43.4 65.0

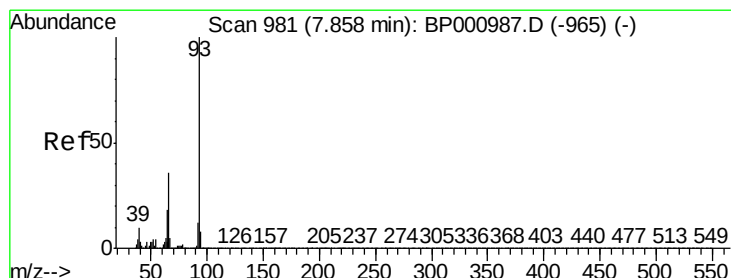
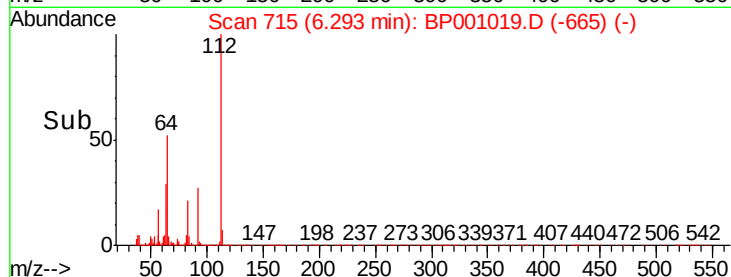
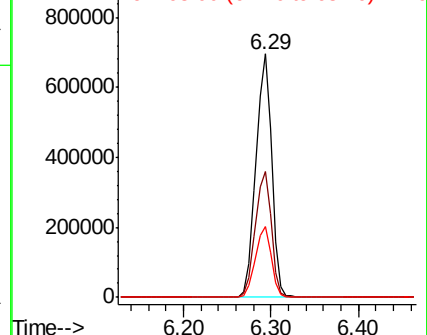
63 29.2 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#6

Aniline

Concen: 38.377 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BP001019.D

Acq: 11 Nov 2019 16:31

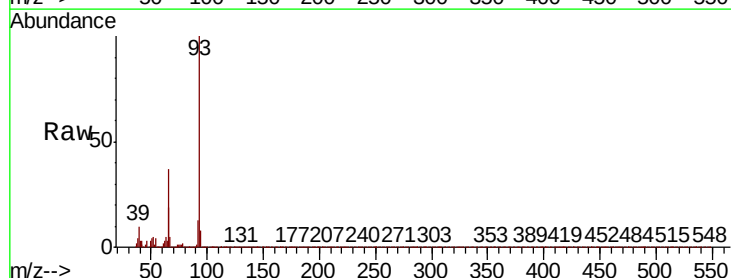
Tgt Ion: 93 Resp: 689173

Ion Ratio Lower Upper

93 100

66 37.4 29.1 43.7

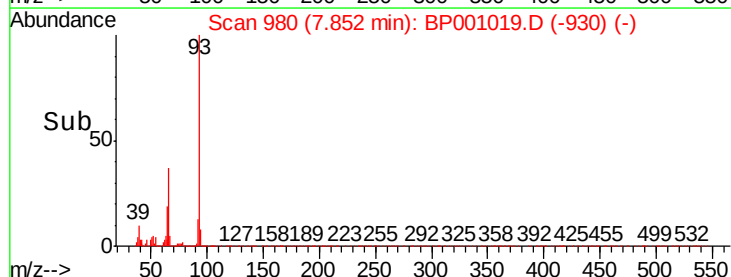
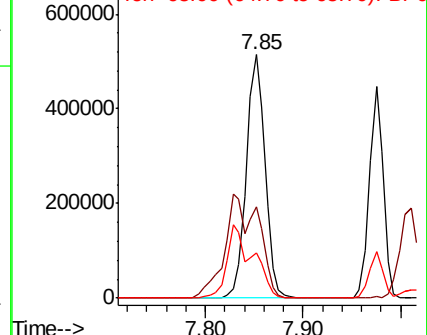
65 18.7 14.6 21.8

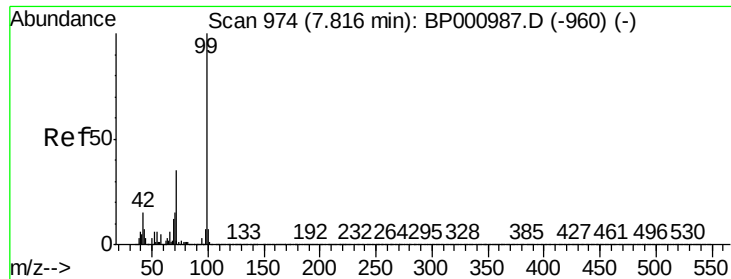


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

Ion 65.00 (64.70 to 65.70): BP0





#7

Phenol-d6

Concen: 77.886 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BP001019.D

Acq: 11 Nov 2019 16:31

Instrument :

BNA_P

ClientSampleId :

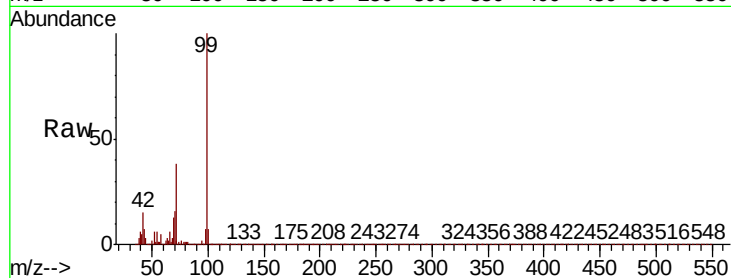
Tot Ion: 99 Resp: 1070953

Ion Ratio Lower Upper

99 100

42 15.4 11.6 17.4

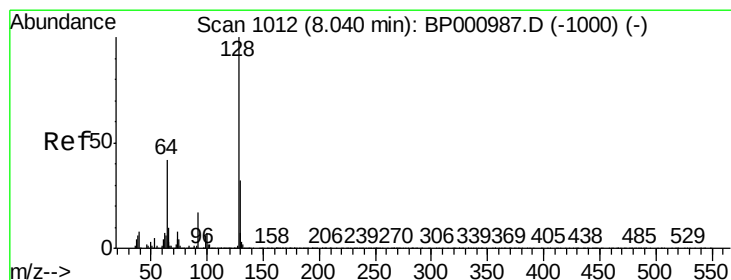
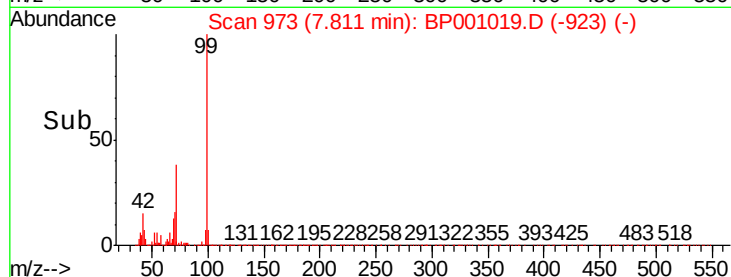
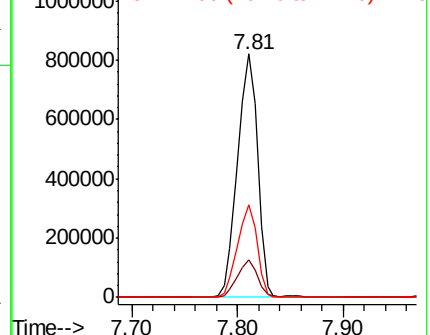
71 38.0 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#8

2-Chlorophenol

Concen: 39.509 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BP001019.D

Acq: 11 Nov 2019 16:31

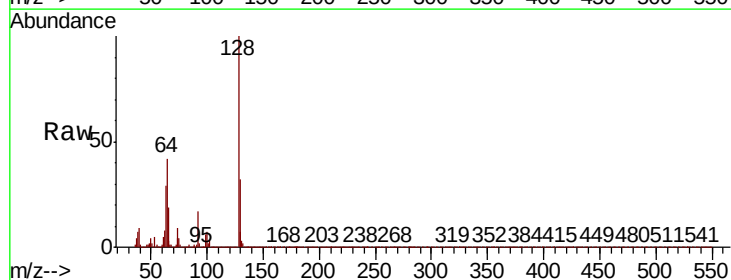
Tgt Ion:128 Resp: 455563

Ion Ratio Lower Upper

128 100

130 31.6 12.0 52.0

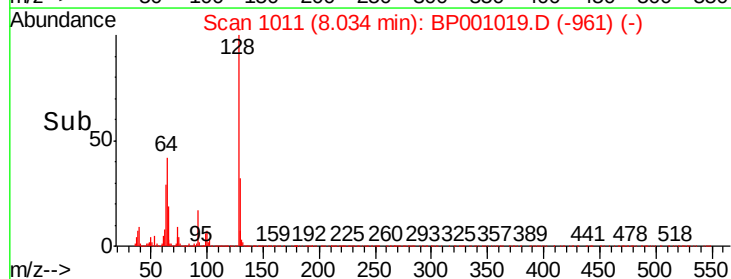
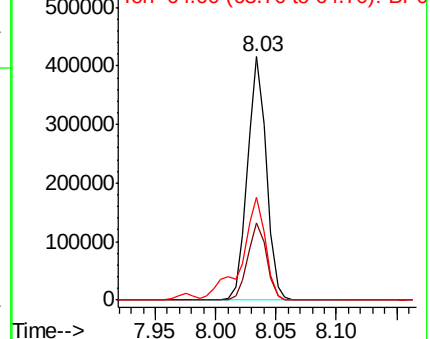
64 42.3 22.7 62.7

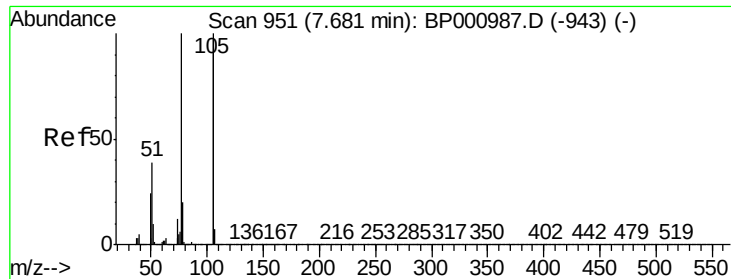


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 35.979 ng

RT: 7.68 min Scan# 950

Delta R.T. -0.01 min

Lab File: BP001019.D

Acq: 11 Nov 2019 16:31

Instrument :

BNA_P

ClientSampleId :

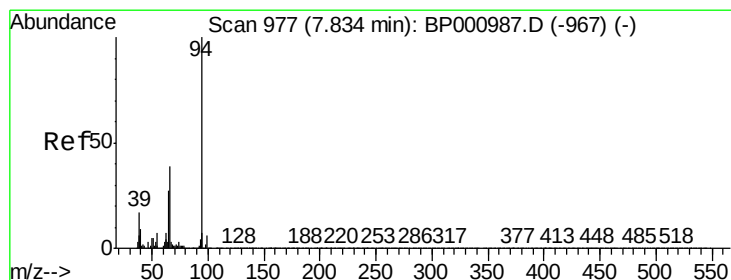
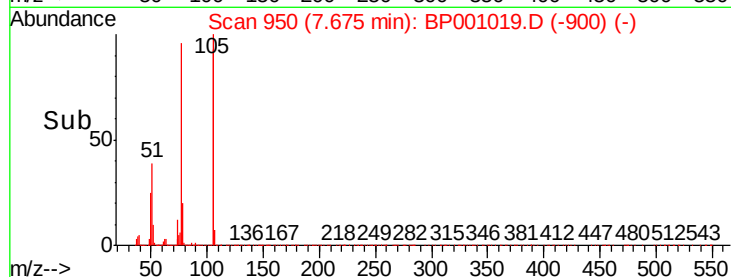
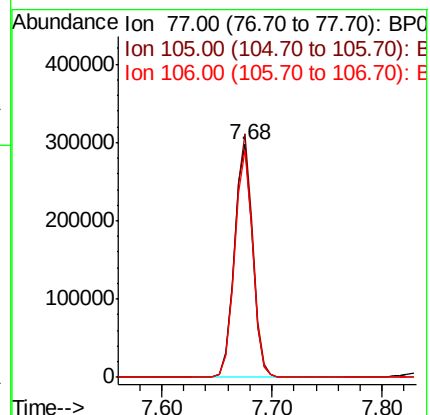
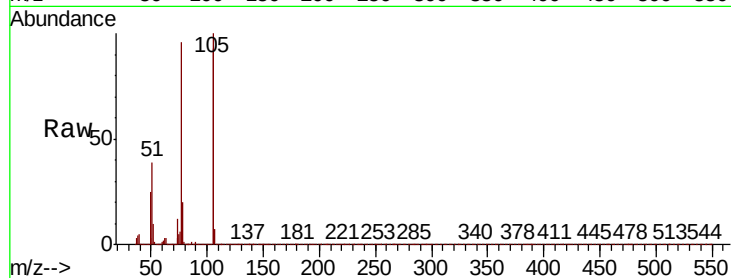
Tot Ion: 77 Resp: 345178

Ion Ratio Lower Upper

77 100

105 104.6 80.0 120.0

106 97.7 76.9 116.9



#10

Phenol

Concen: 39.472 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BP001019.D

Acq: 11 Nov 2019 16:31

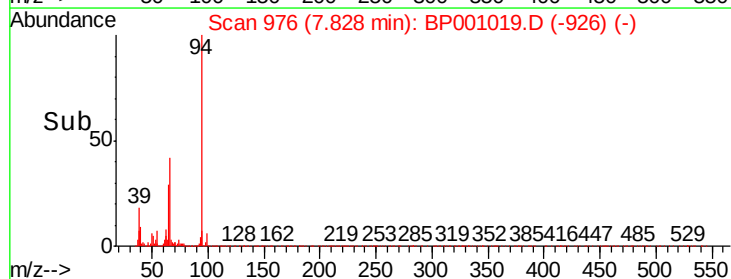
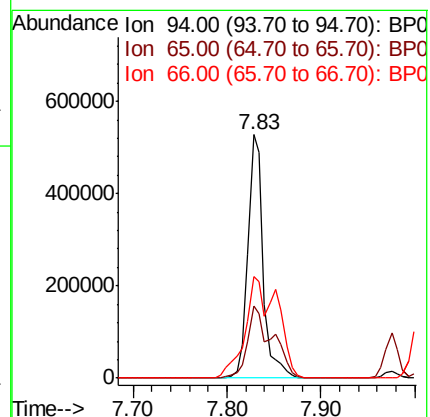
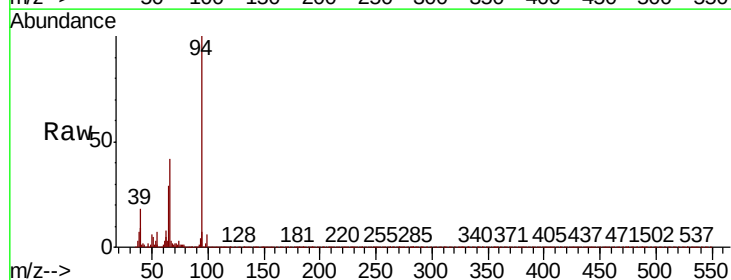
Tgt Ion: 94 Resp: 593646

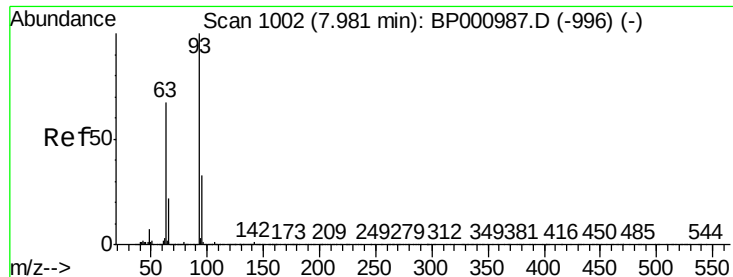
Ion Ratio Lower Upper

94 100

65 29.4 6.7 46.7

66 41.7 18.6 58.6

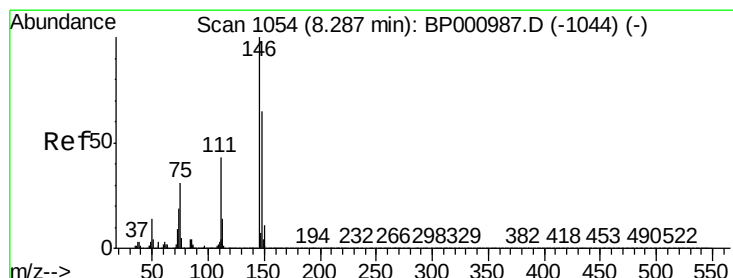
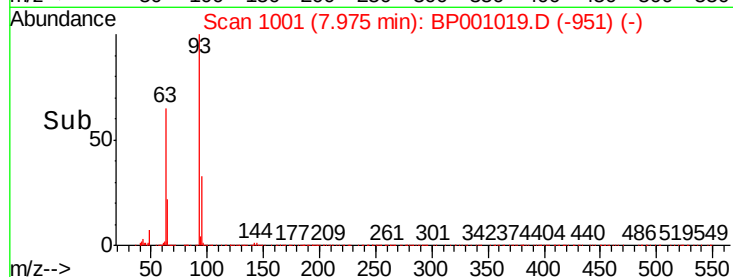
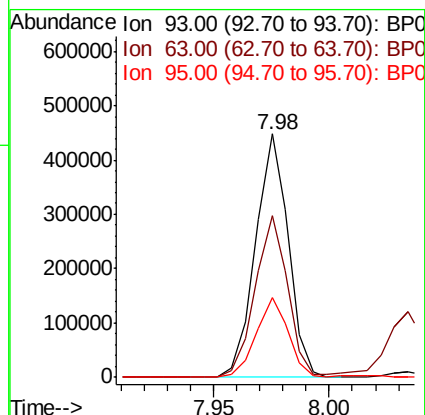
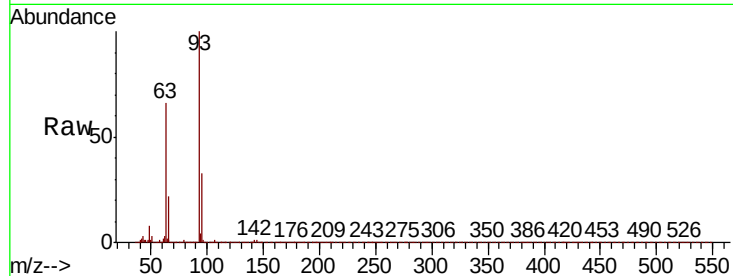




#11
bis(2-Chloroethyl)ether
Concen: 37.827 ng
RT: 7.98 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BP001019.D
Acq: 11 Nov 2019 16:31

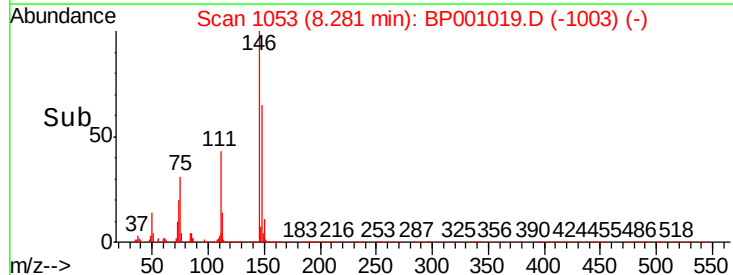
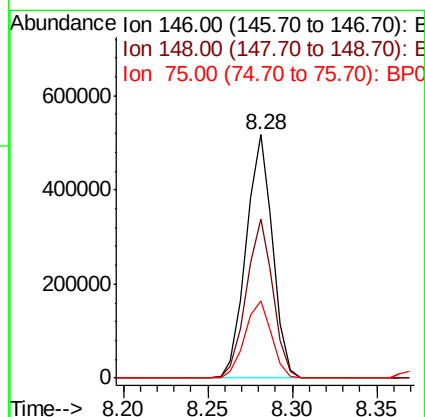
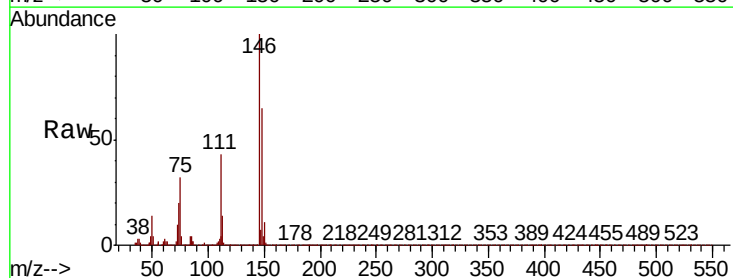
Instrument :
BNA_P
ClientSampleId :

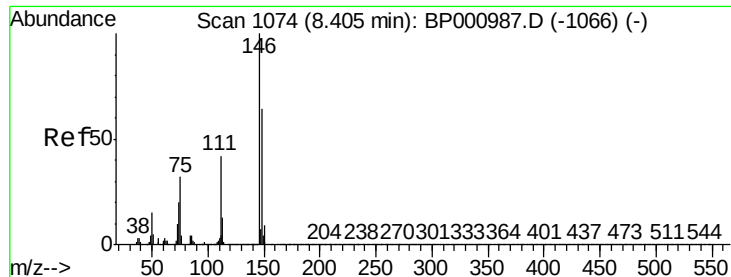
Tot Ion: 93 Resp: 442882
Ion Ratio Lower Upper
93 100
63 66.2 47.4 87.4
95 32.6 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 39.044 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BP001019.D
Acq: 11 Nov 2019 16:31

Tgt Ion: 146 Resp: 564815
Ion Ratio Lower Upper
146 100
148 65.2 52.3 78.5
75 31.8 24.6 37.0

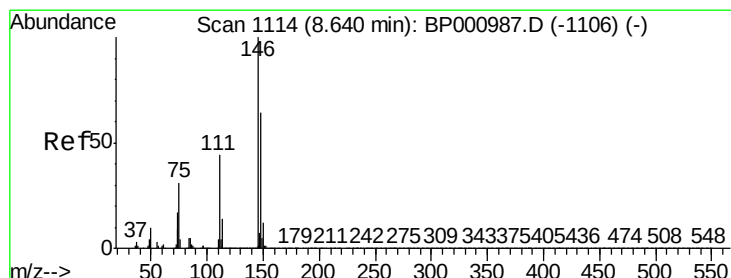
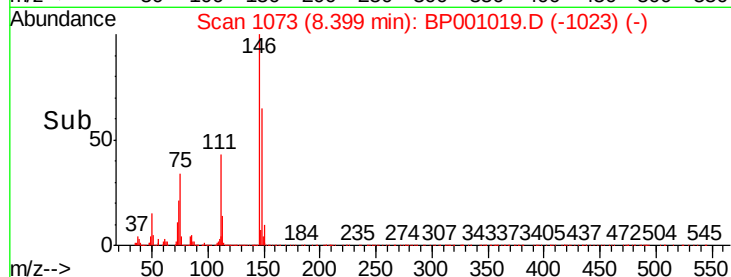
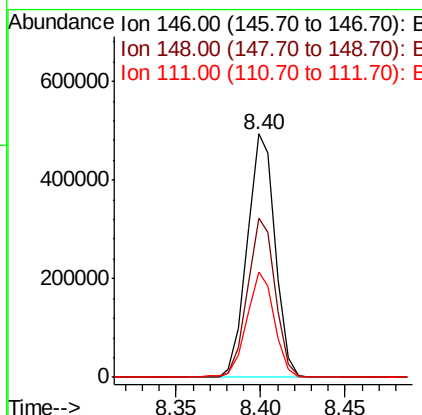
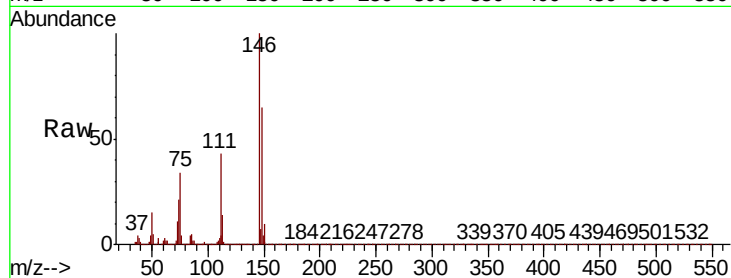




#13
 1,4-Dichlorobenzene
 Concen: 39.001 ng
 RT: 8.40 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BP001019.D
 Acq: 11 Nov 2019 16:31

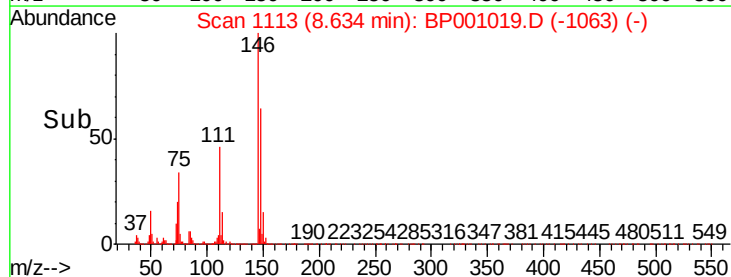
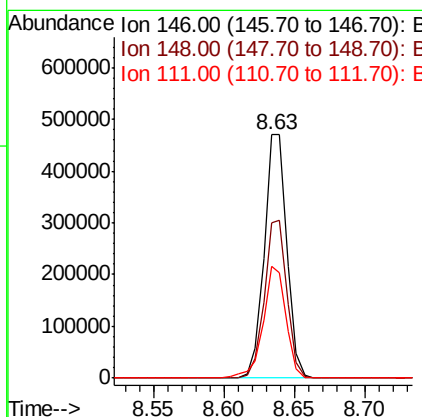
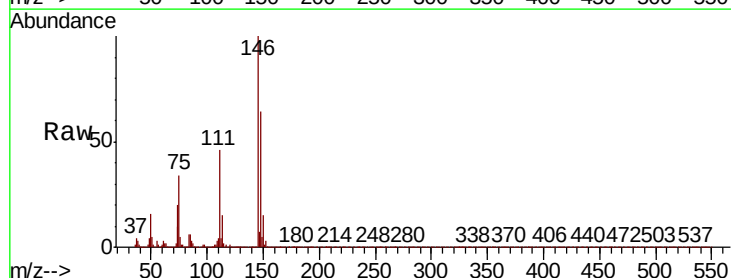
Instrument :
 BNA_P
 ClientSampleId :

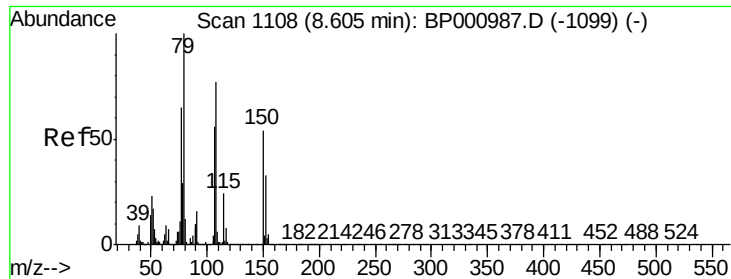
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.5	77.3
111	43.3	33.8	50.6



#14
 1,2-Dichlorobenzene
 Concen: 39.453 ng
 RT: 8.63 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: BP001019.D
 Acq: 11 Nov 2019 16:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.4	77.0
111	45.7	35.6	53.4

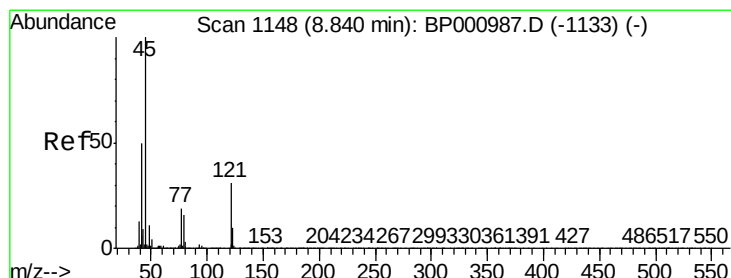
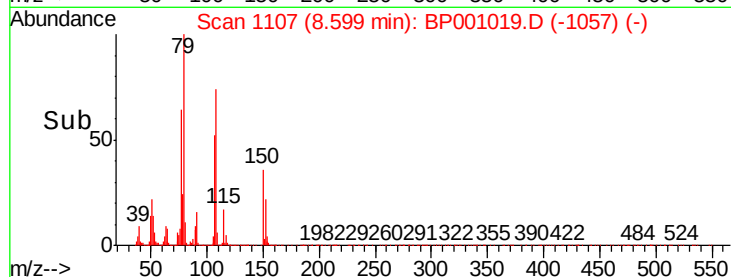
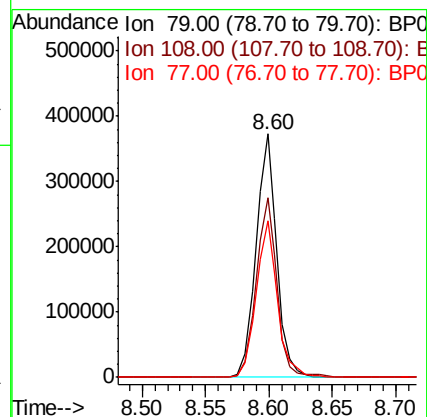
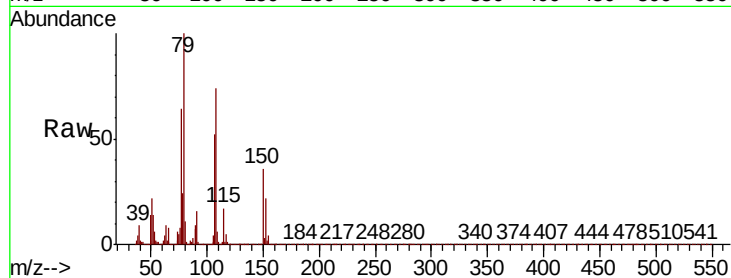




#15
Benzyl Alcohol
Concen: 40.526 ng
RT: 8.60 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BP001019.D
Acq: 11 Nov 2019 16:31

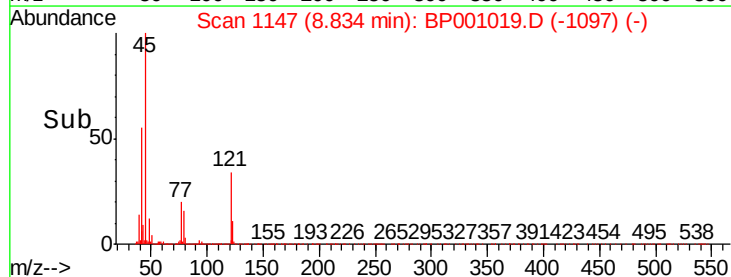
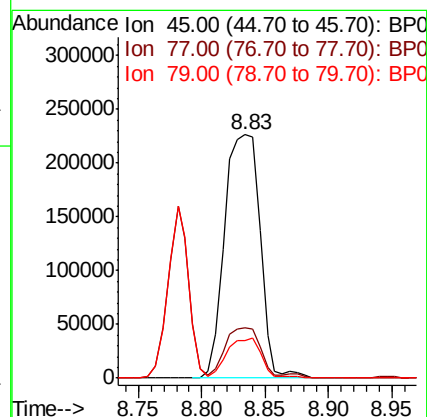
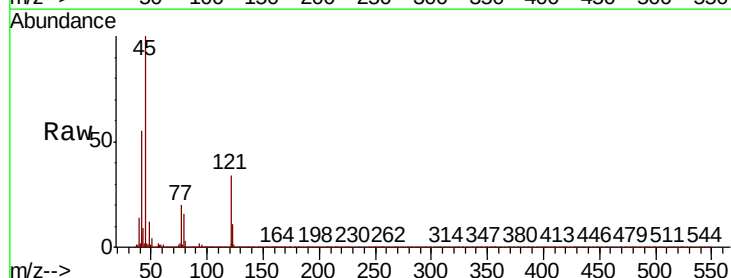
Instrument :
BNA_P
ClientSampled :

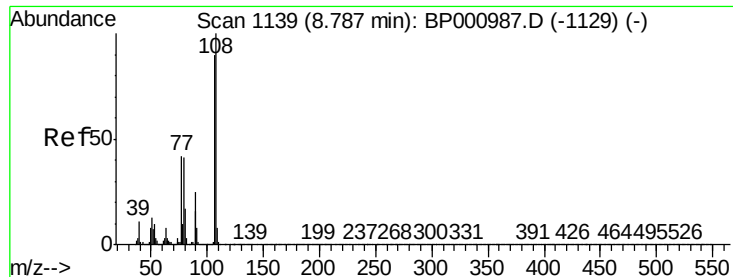
Tot Ion: 79 Resp: 424638
Ion Ratio Lower Upper
79 100
108 73.6 62.0 93.0
77 64.1 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.963 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BP001019.D
Acq: 11 Nov 2019 16:31

Tgt Ion: 45 Resp: 439741
Ion Ratio Lower Upper
45 100
77 20.4 0.0 39.1
79 15.7 0.0 35.9

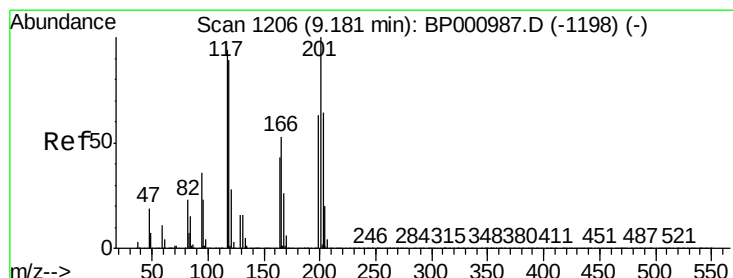
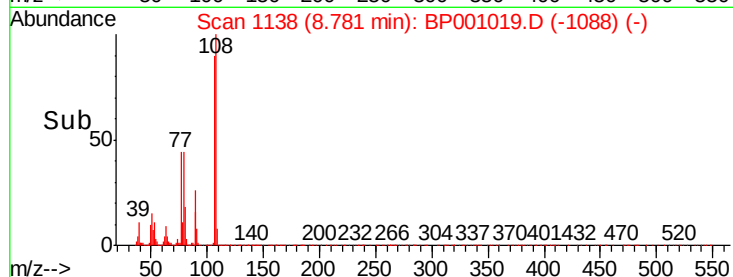
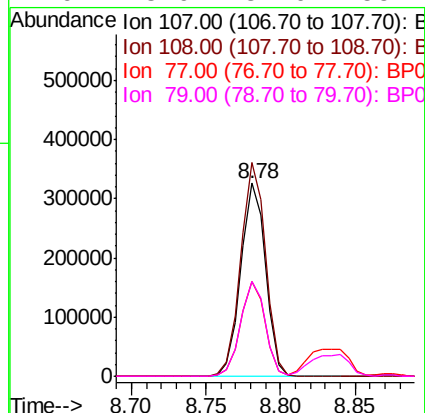
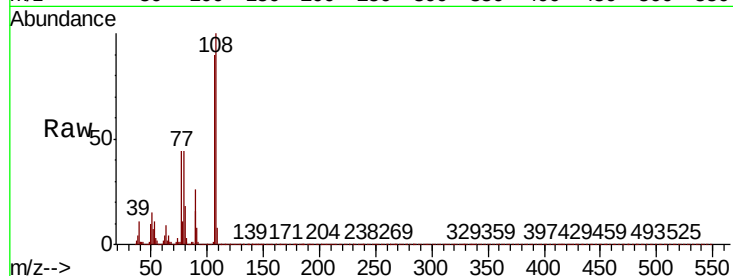




#17
2-Methylphenol
Concen: 38.509 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BP001019.D
Acq: 11 Nov 2019 16:31

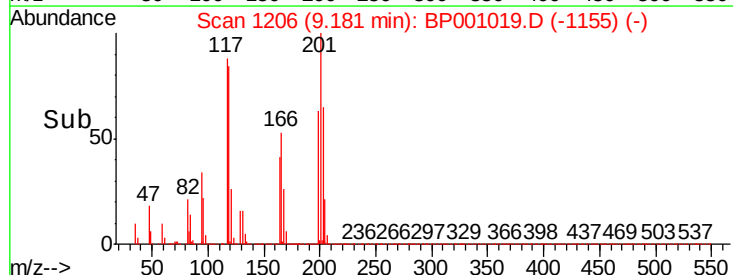
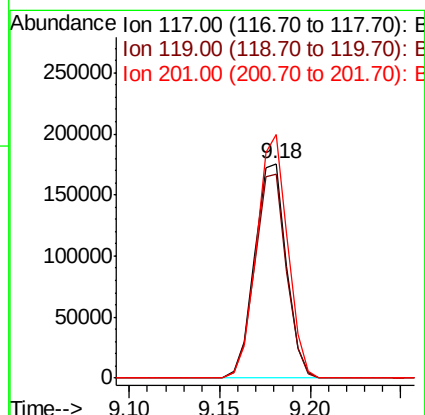
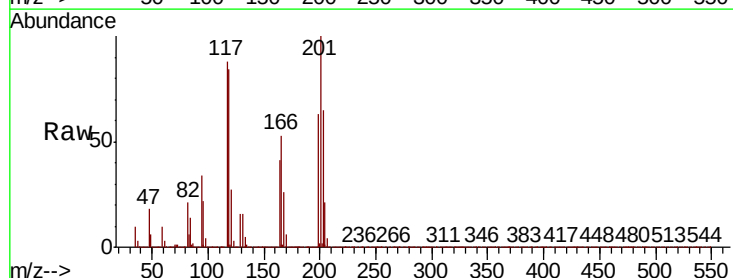
Instrument :
BNA_P
ClientSampled :

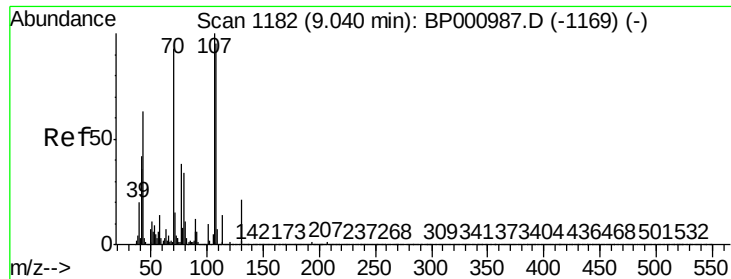
Tot Ion:	107	Resp:	376993
Ion	Ratio	Lower	Upper
107	100		
108	110.5	89.3	133.9
77	48.9	37.2	55.8
79	48.9	37.0	55.4



#18
Hexachloroethane
Concen: 39.823 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BP001019.D
Acq: 11 Nov 2019 16:31

Tgt Ion:	117	Resp:	213140
Ion	Ratio	Lower	Upper
117	100		
119	95.4	75.5	113.3
201	113.7	84.9	127.3

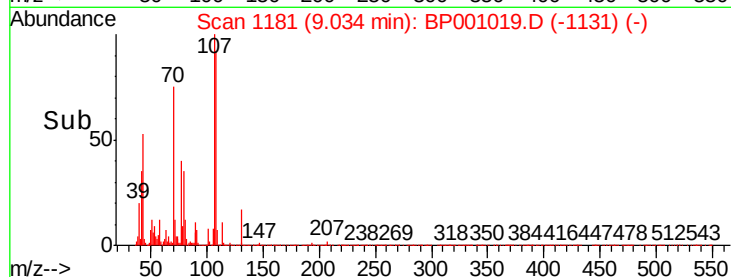
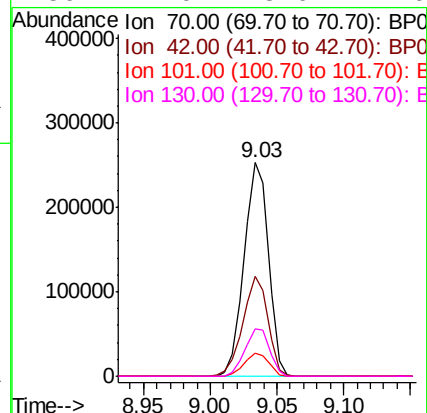
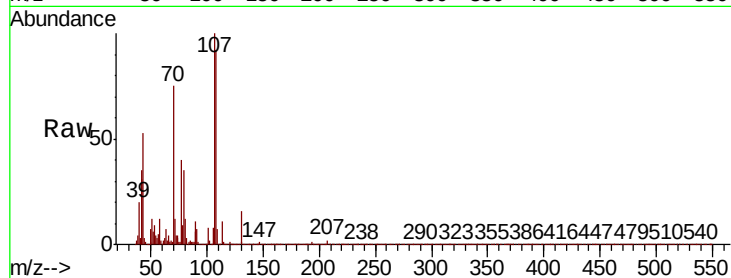




#19
n-Nitroso-di-n-propylamine
Concen: 38.518 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BP001019.D
Acq: 11 Nov 2019 16:31

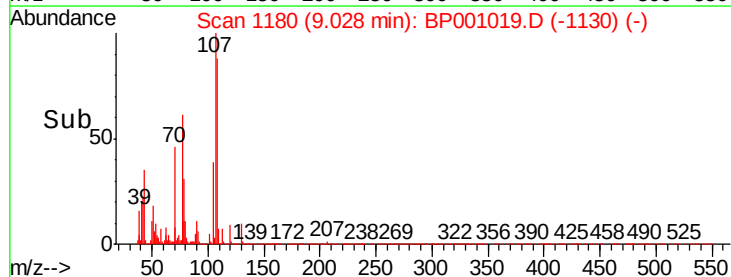
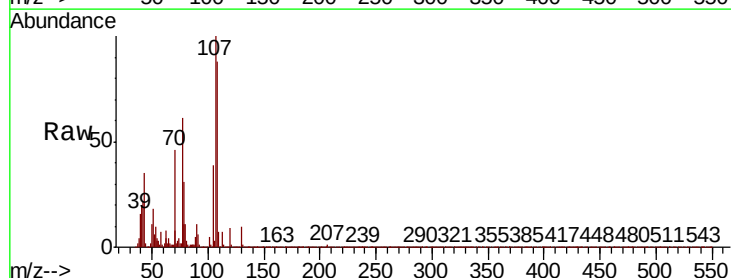
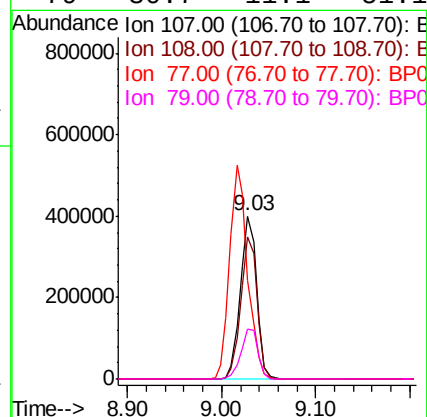
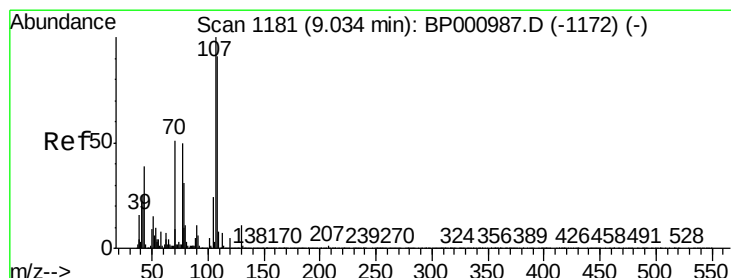
Instrument :
BNA_P
ClientSampleId :

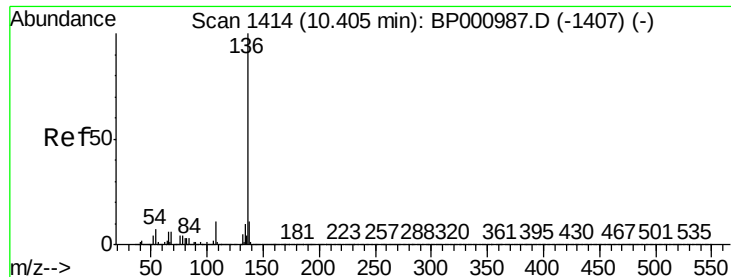
Tot Ion:	70	Resp:	318026
Ion	Ratio	Lower	Upper
70	100		
42	46.5	36.3	54.5
101	10.7	8.7	13.1
130	22.0	18.0	27.0



#20
3+4-Methylphenols
Concen: 39.661 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BP001019.D
Acq: 11 Nov 2019 16:31

Tgt Ion:	107	Resp:	481694
Ion	Ratio	Lower	Upper
107	100		
108	87.8	71.1	111.1
77	61.0	29.8	69.8
79	30.7	11.1	51.1

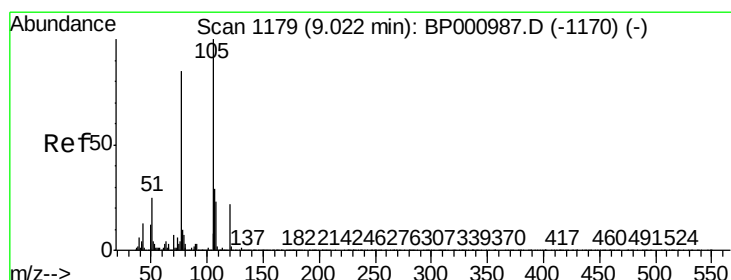
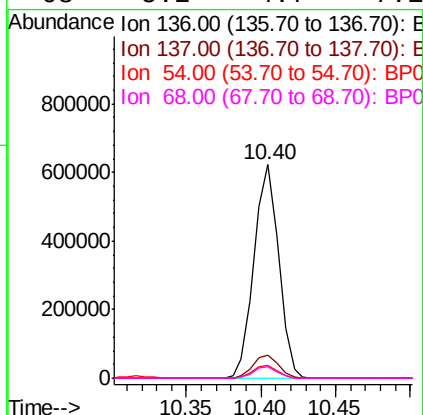
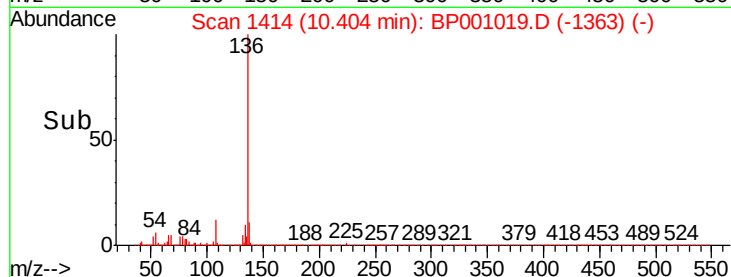
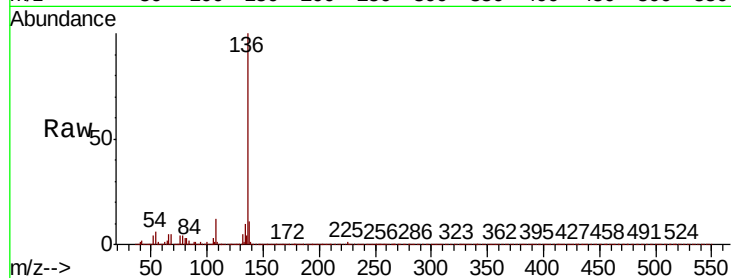




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BP001019.D
Acq: 11 Nov 2019 16:31

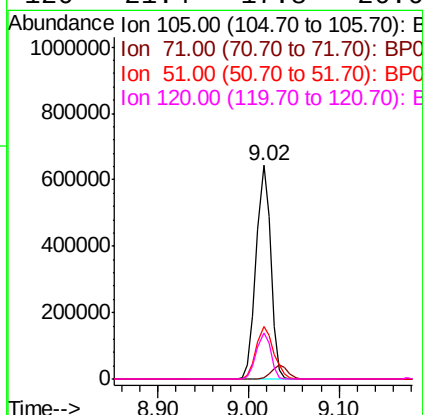
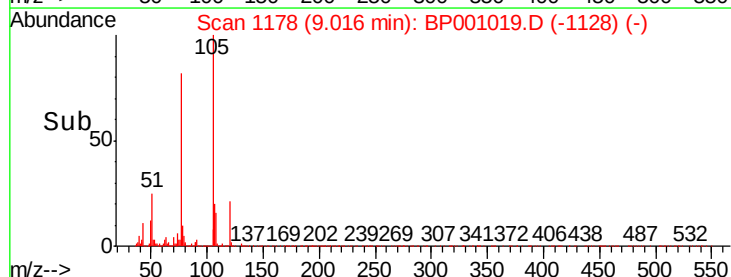
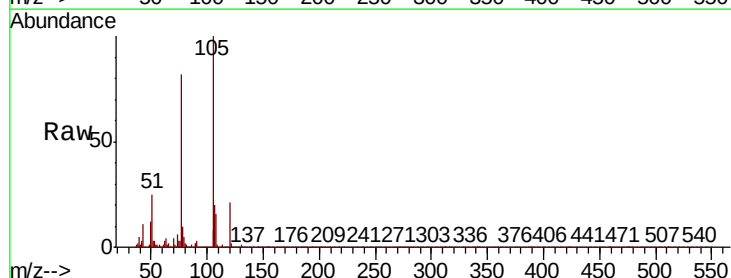
Instrument :
BNA_P
ClientSampleId :

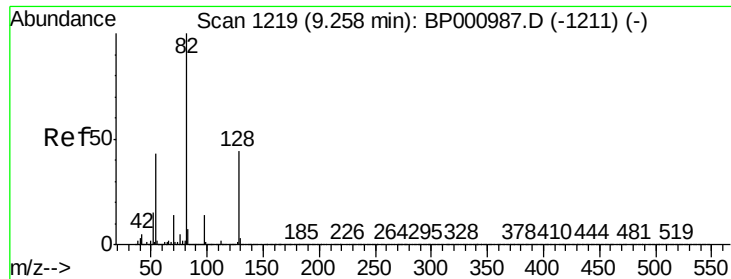
Tot Ion:136	Resp:	706517	
Ion Ratio	Lower	Upper	
136 100			
137 10.7	9.0	13.6	
54 6.2	5.4	8.2	
68 5.2	4.7	7.1	



#22
Acetophenone
Concen: 38.856 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BP001019.D
Acq: 11 Nov 2019 16:31

Tgt	Ion:105	Resp:	708976
Ion	Ratio	Lower	Upper
105	100		
71	0.7	1.0	1.4#
51	24.8	19.9	29.9
120	21.4	17.8	26.6

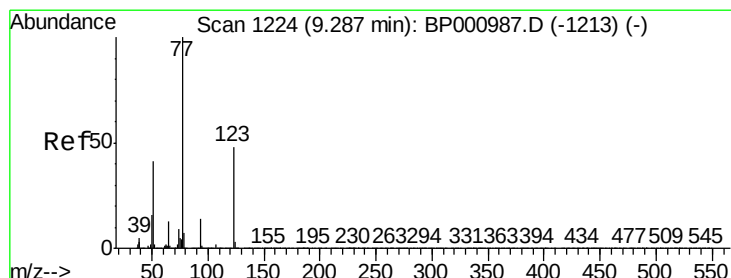
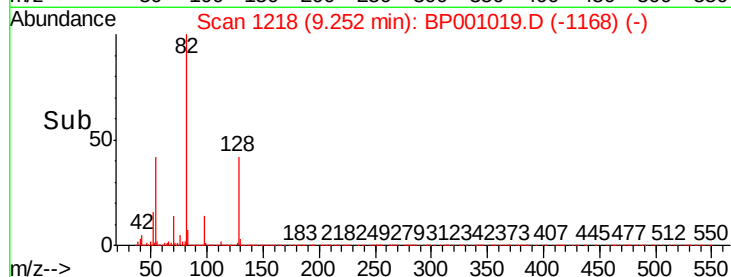
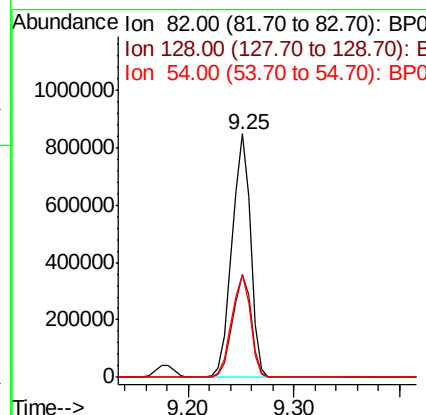
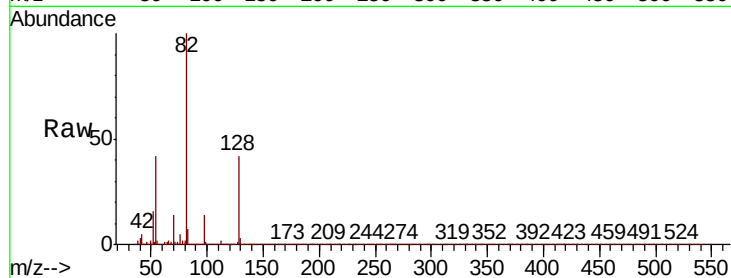




#23
Nitrobenzene-d5
Concen: 80.046 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BP001019.D
Acq: 11 Nov 2019 16:31

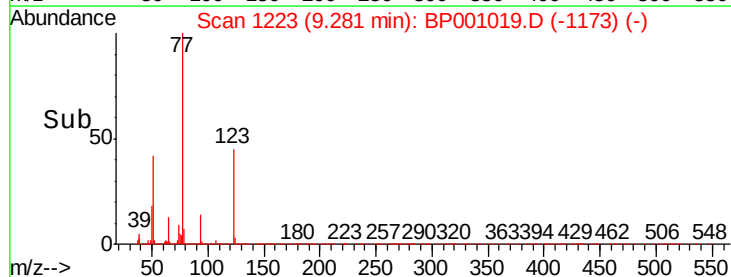
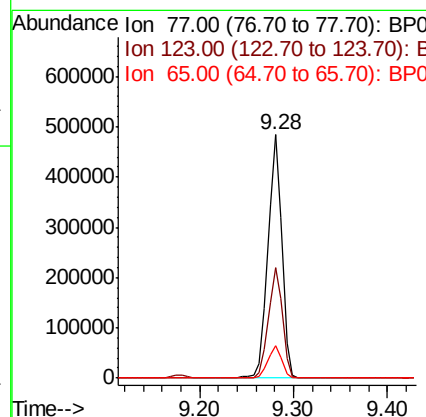
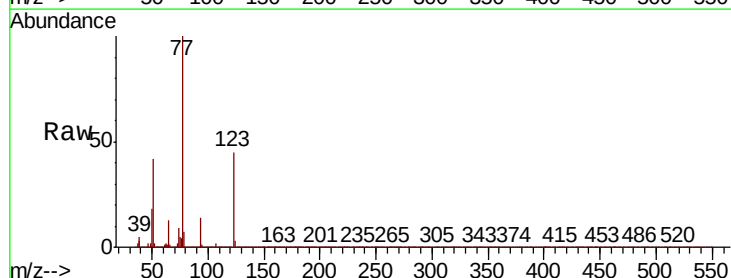
Instrument :
BNA_P
ClientSampled :

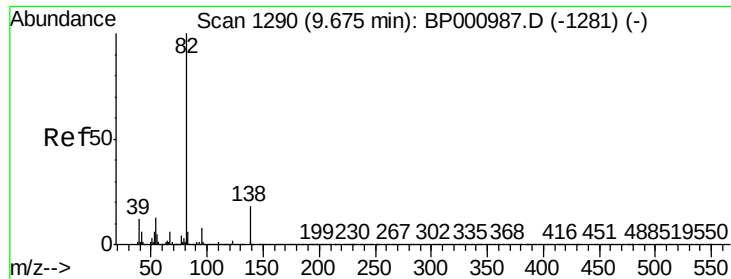
Tot Ion: 82 Resp: 1022365
Ion Ratio Lower Upper
82 100
128 42.0 35.3 52.9
54 42.2 34.3 51.5



#24
Nitrobenzene
Concen: 38.797 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BP001019.D
Acq: 11 Nov 2019 16:31

Tgt Ion: 77 Resp: 497224
Ion Ratio Lower Upper
77 100
123 45.2 38.1 57.1
65 13.2 10.2 15.2





#25

Isophorone

Concen: 37.787 ng

RT: 9.68 min Scan# 1290

Delta R.T. -0.00 min

Lab File: BP001019.D

Acq: 11 Nov 2019 16:31

Instrument :

BNA_P

ClientSampleId :

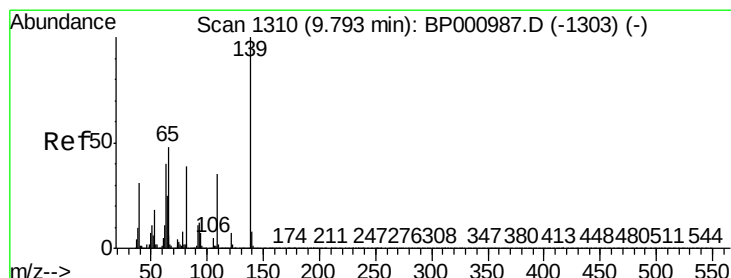
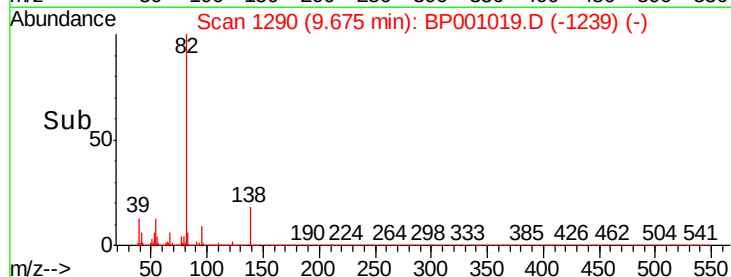
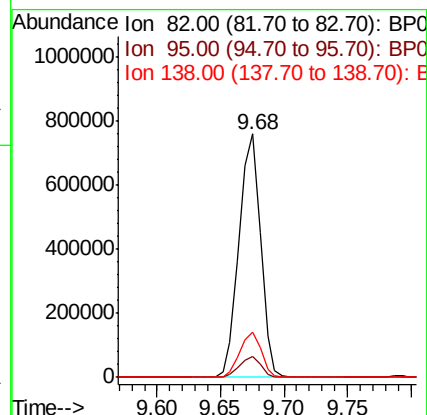
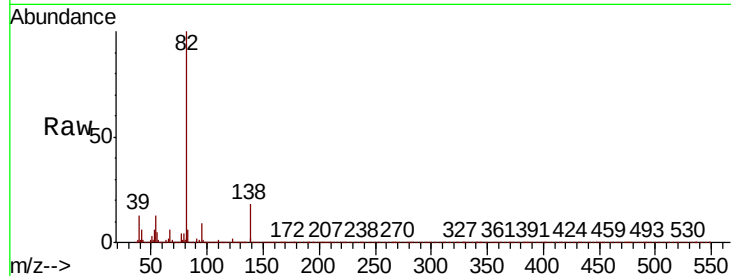
Tot Ion: 82 Resp: 888326

Ion Ratio Lower Upper

82 100

95 8.5 6.2 9.4

138 18.4 14.2 21.4



#26

2-Nitrophenol

Concen: 39.650 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BP001019.D

Acq: 11 Nov 2019 16:31

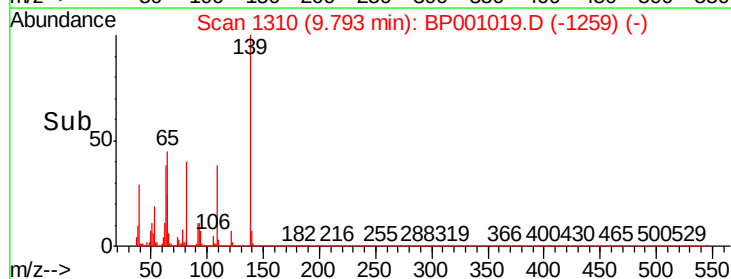
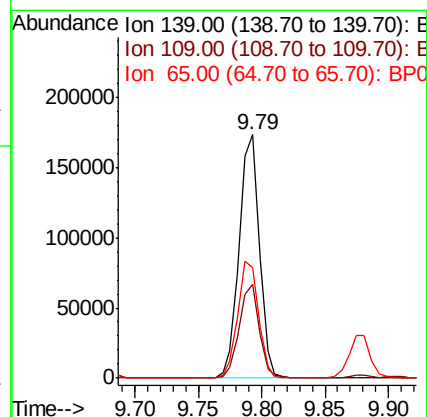
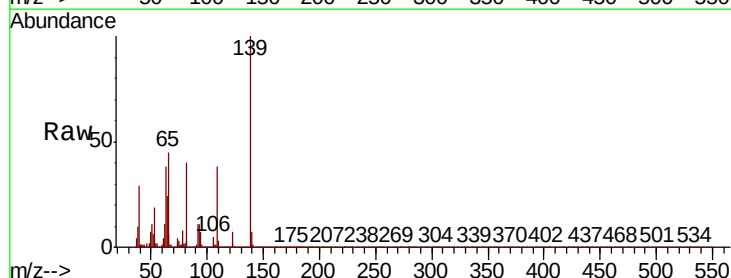
Tgt Ion: 139 Resp: 189893

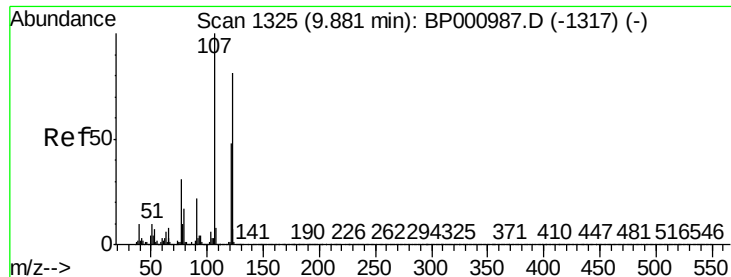
Ion Ratio Lower Upper

139 100

109 38.3 27.7 41.5

65 45.5 38.2 57.4





#27

2,4-Dimethylphenol

Concen: 37.954 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BP001019.D

Acq: 11 Nov 2019 16:31

Instrument :

BNA_P

ClientSampled :

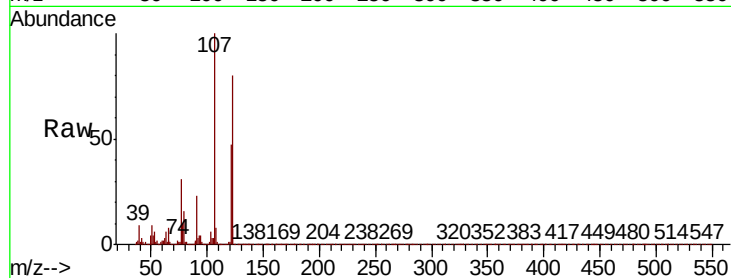
Tot Ion:122 Resp: 340382

Ion Ratio Lower Upper

122 100

107 125.6 99.3 148.9

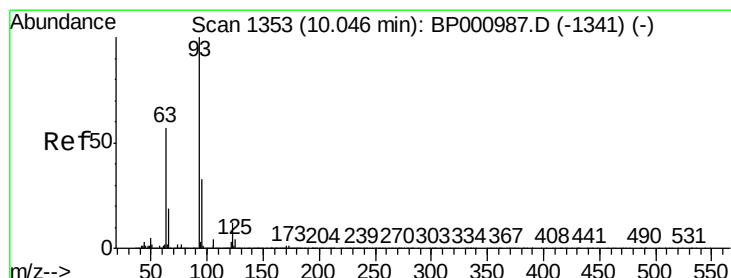
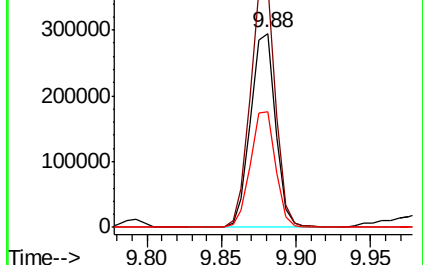
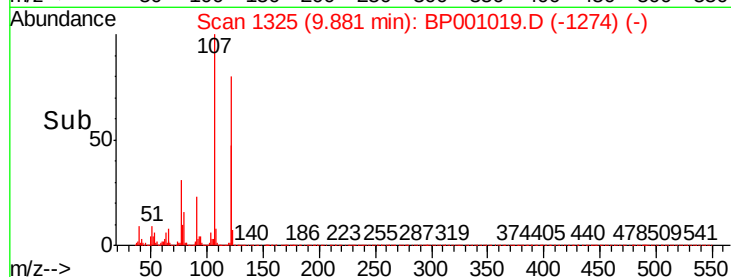
121 59.4 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.703 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BP001019.D

Acq: 11 Nov 2019 16:31

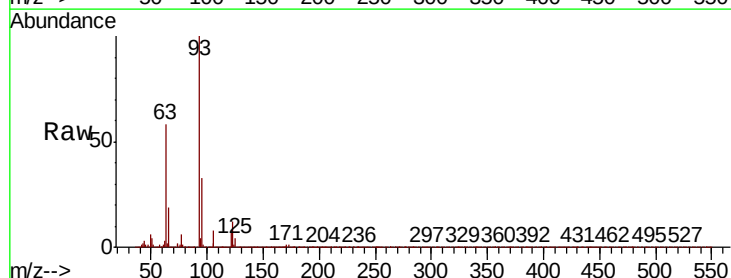
Tgt Ion: 93 Resp: 579518

Ion Ratio Lower Upper

93 100

95 33.0 26.1 39.1

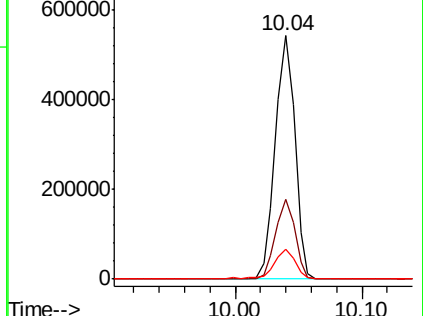
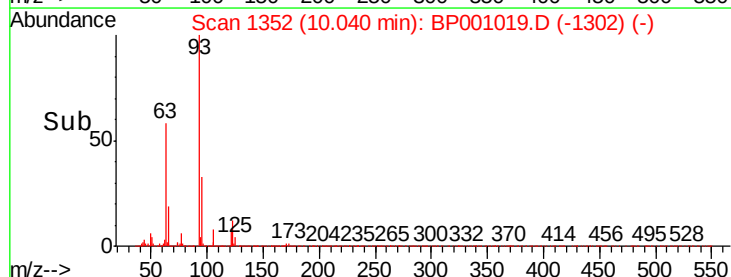
123 12.2 9.6 14.4

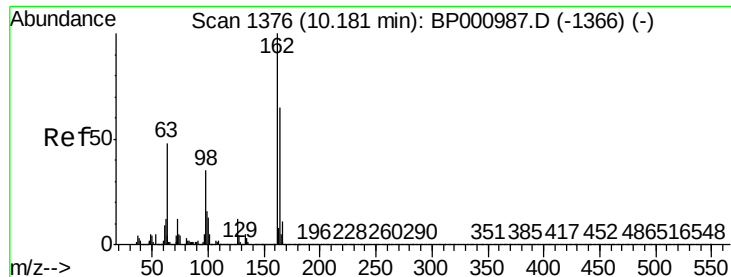


Abundance Ion 93.00 (92.70 to 93.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 123.00 (122.70 to 123.70): E

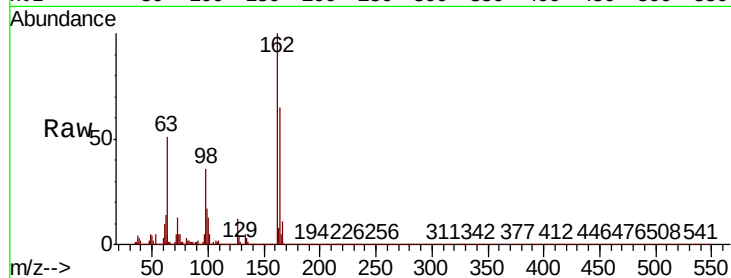




#29
2,4-Dichlorophenol
Concen: 39.653 ng
RT: 10.18 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BP001019.D
Acq: 11 Nov 2019 16:31

Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.5	84.5
98	36.4	15.2	55.2

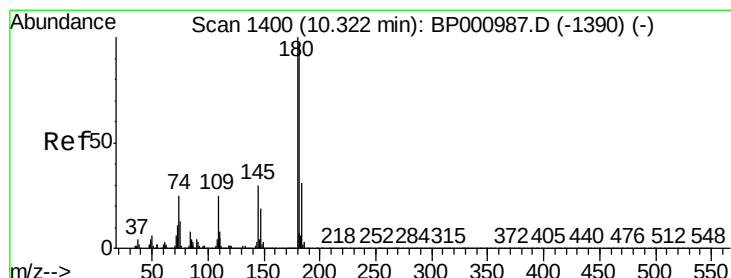
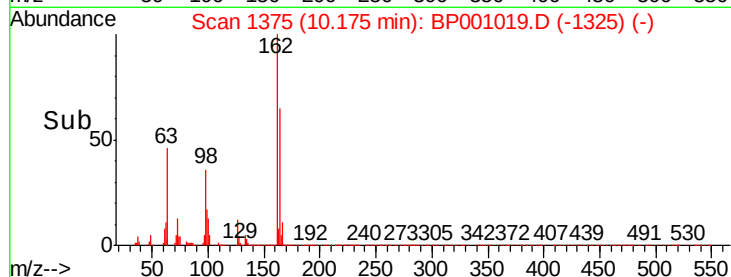
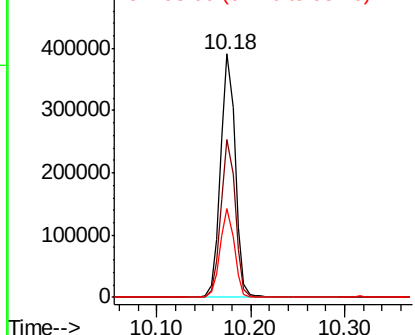


Abundance

Ion 162.00 (161.70 to 162.70): E

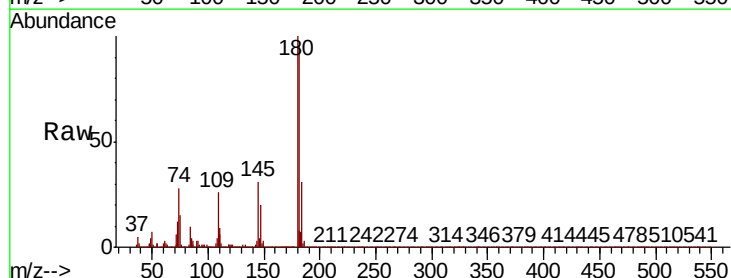
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BP0



#30
1,2,4-Trichlorobenzene
Concen: 38.874 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BP001019.D
Acq: 11 Nov 2019 16:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	77.8	116.6
145	31.5	24.2	36.4

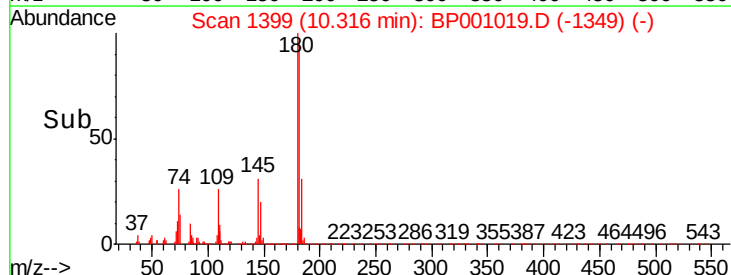
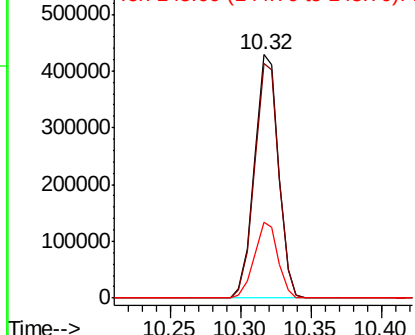


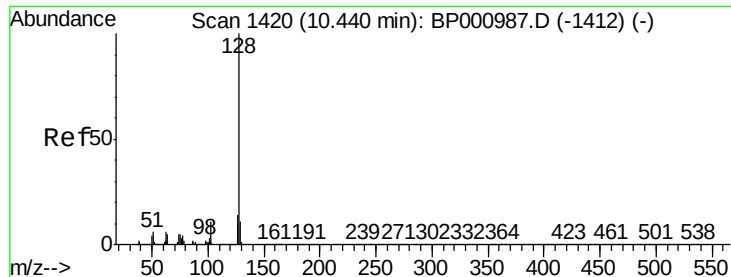
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

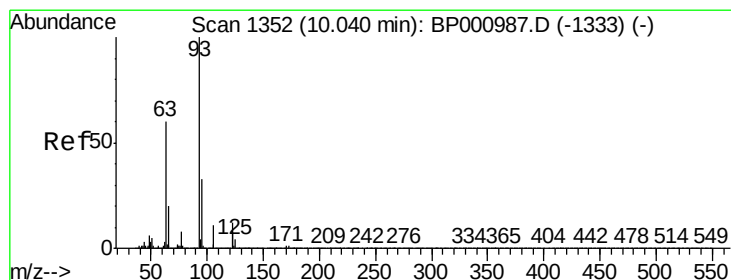
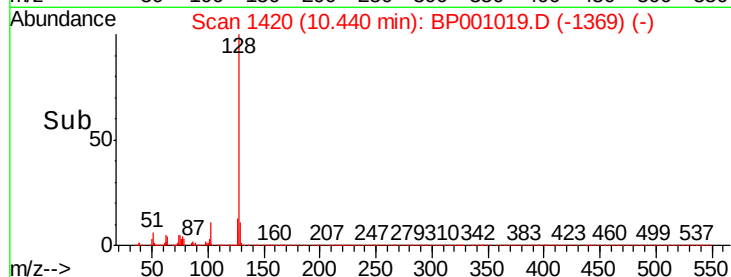
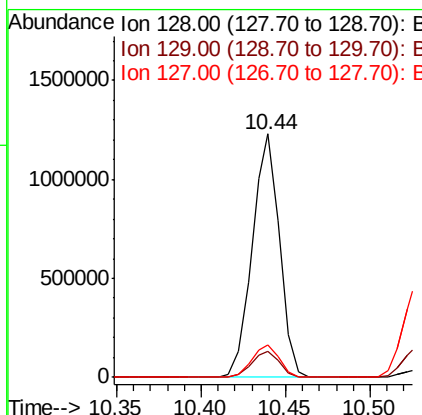
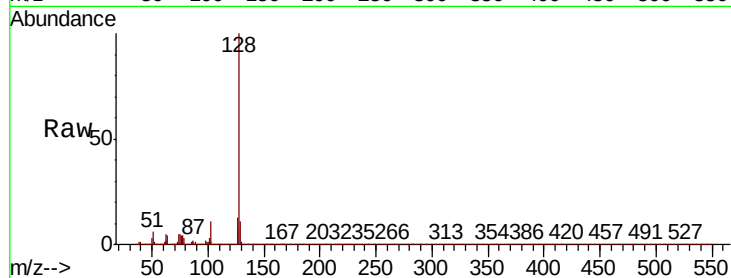




#31
Naphthalene
Concen: 39.084 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BP001019.D
Acq: 11 Nov 2019 16:31

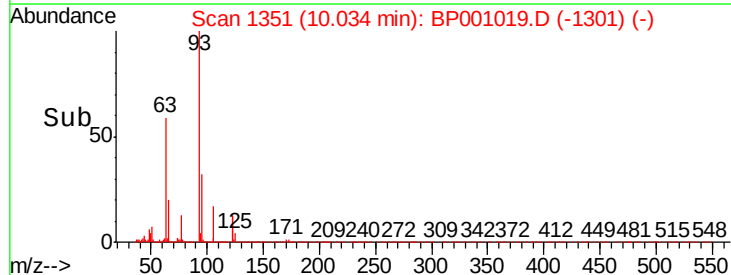
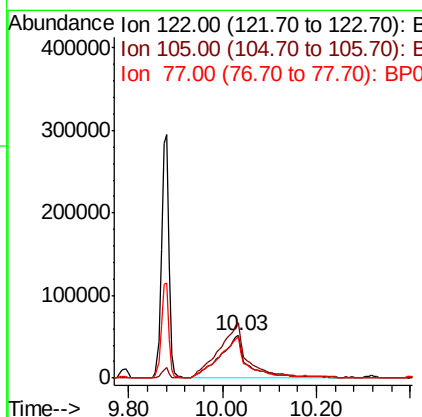
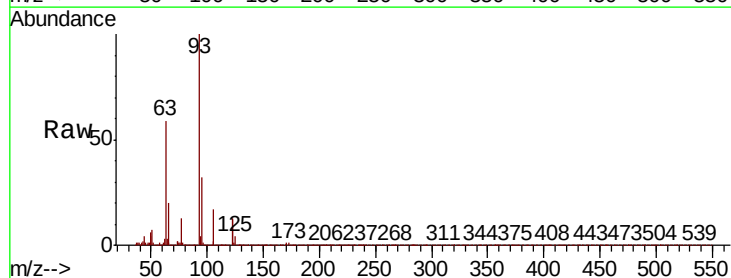
Instrument :
BNA_P
ClientSampleId :

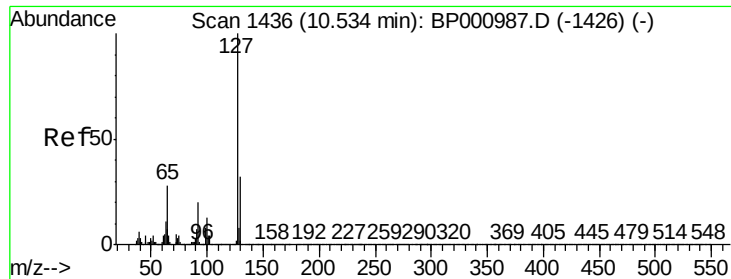
Tot Ion:128 Resp: 1379625
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 40.804 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BP001019.D
Acq: 11 Nov 2019 16:31

Tgt Ion:122 Resp: 213610
Ion Ratio Lower Upper
122 100
105 130.9 110.5 150.5
77 99.4 77.9 117.9

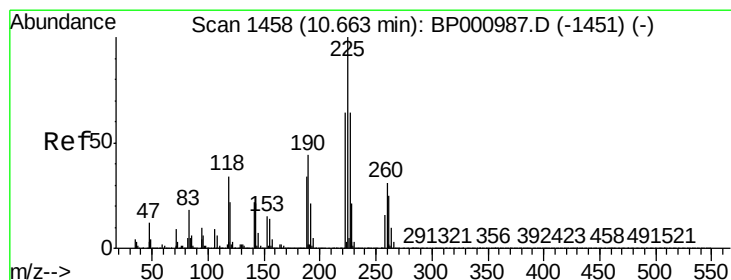
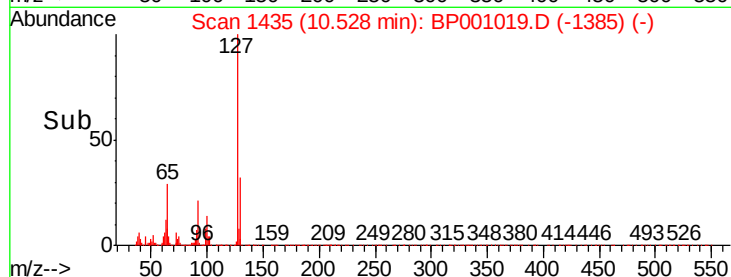
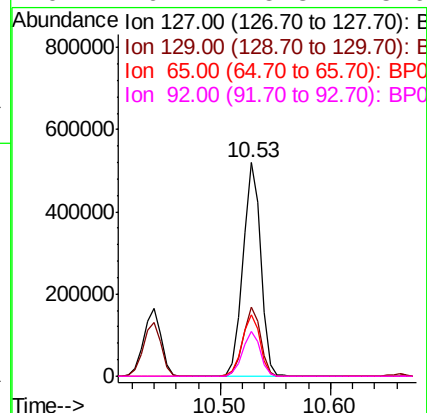
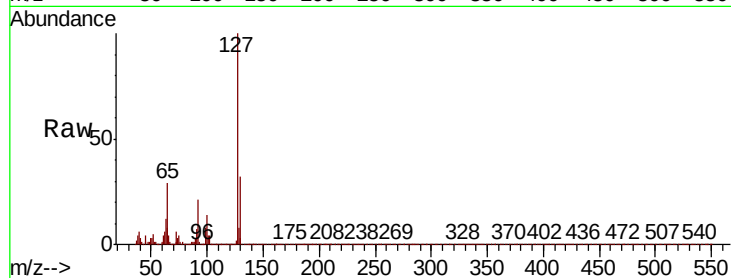




#33
4-Chloroaniline
Concen: 38.893 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BP001019.D
Acq: 11 Nov 2019 16:31

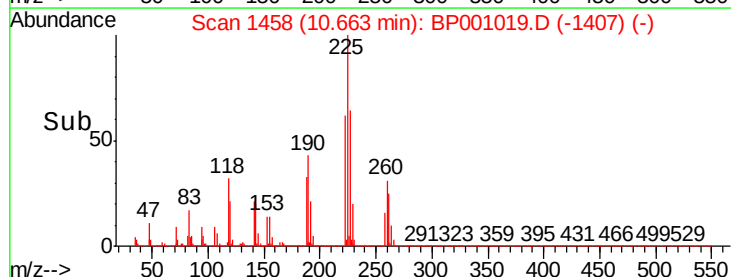
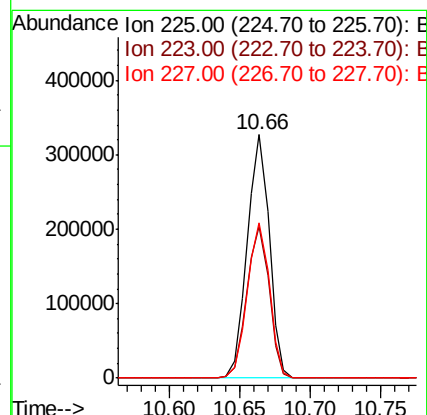
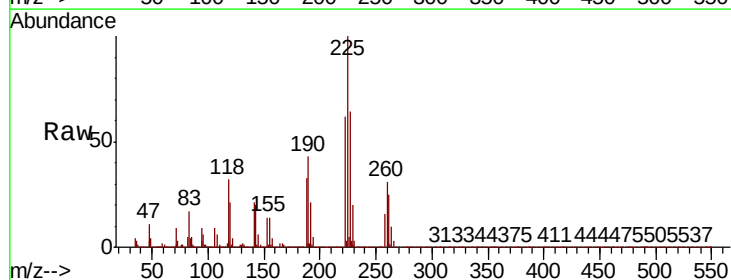
Instrument :
BNA_P
ClientSampleId :

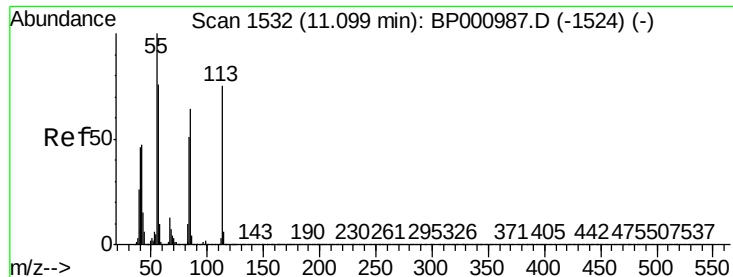
Tot Ion:	127	Resp:	588713
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.8	38.6
65	29.0	22.7	34.1
92	20.7	15.8	23.6



#34
Hexachlorobutadiene
Concen: 40.675 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.00 min
Lab File: BP001019.D
Acq: 11 Nov 2019 16:31

Tgt Ion:	225	Resp:	357368
Ion	Ratio	Lower	Upper
225	100		
223	62.0	51.1	76.7
227	63.5	51.4	77.2

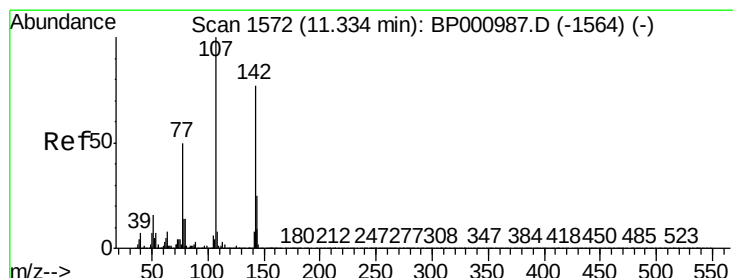
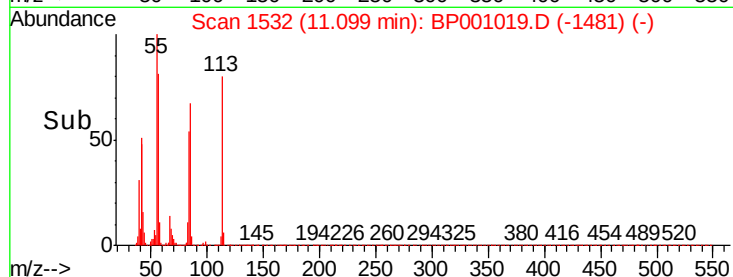
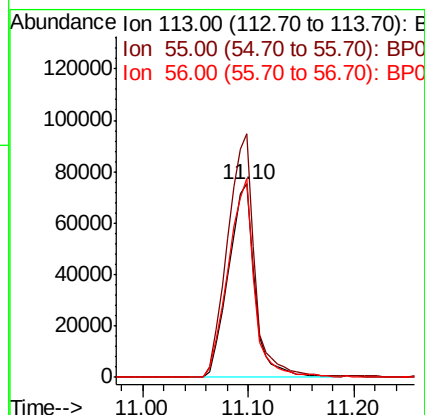
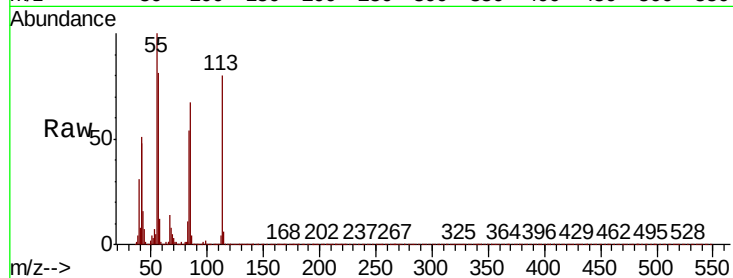




#35
Caprolactam
Concen: 38.329 ng
RT: 11.10 min Scan# 1532
Delta R.T. -0.00 min
Lab File: BP001019.D
Acq: 11 Nov 2019 16:31

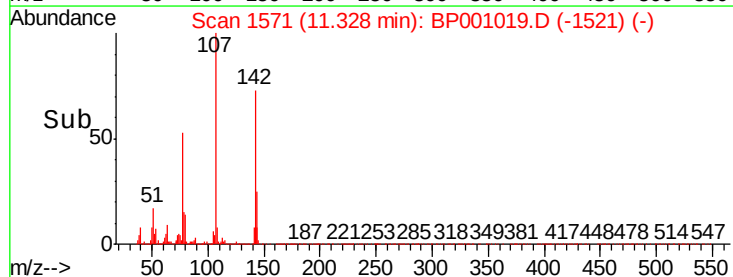
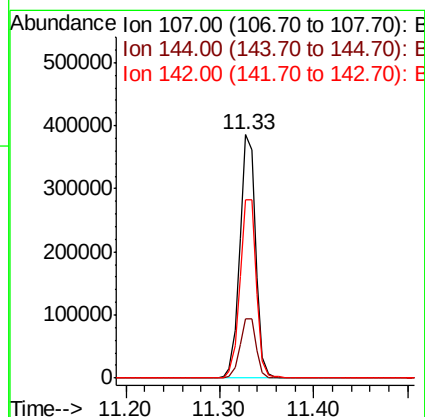
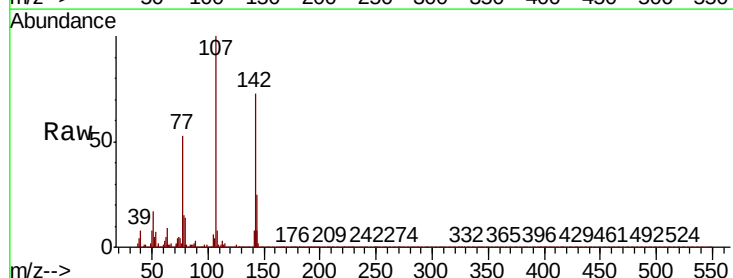
Instrument :
BNA_P
ClientSampleId :

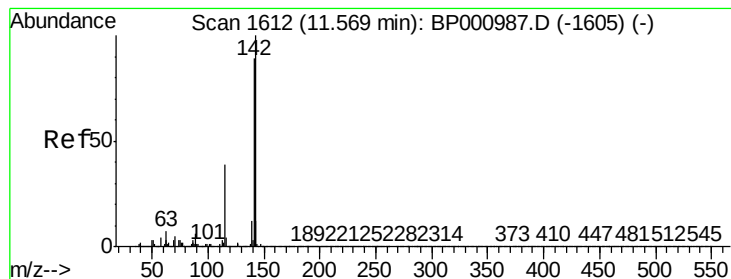
Tot Ion:113 Resp: 130955
Ion Ratio Lower Upper
113 100
55 125.7 114.2 154.2
56 102.4 81.9 121.9



#36
4-Chloro-3-methylphenol
Concen: 40.056 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BP001019.D
Acq: 11 Nov 2019 16:31

Tgt Ion:107 Resp: 450242
Ion Ratio Lower Upper
107 100
144 24.6 20.0 30.0
142 73.4 61.9 92.9





#37

2-Methylnaphthalene

Concen: 39.529 ng

RT: 11.57 min Scan# 1612

Delta R.T. -0.00 min

Lab File: BP001019.D

Acq: 11 Nov 2019 16:31

Instrument :

BNA_P

ClientSampleId :

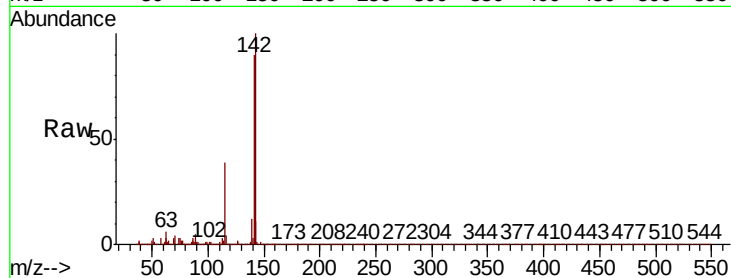
Tot Ion:142 Resp: 976628

Ion Ratio Lower Upper

142 100

141 89.5 71.5 107.3

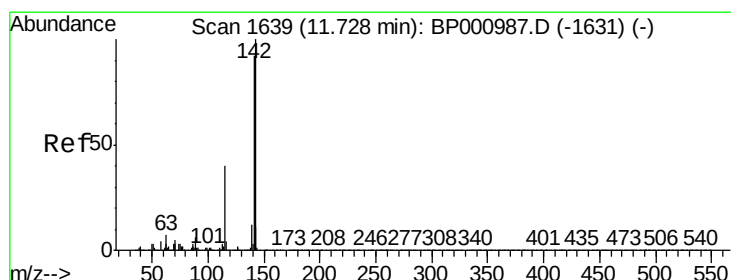
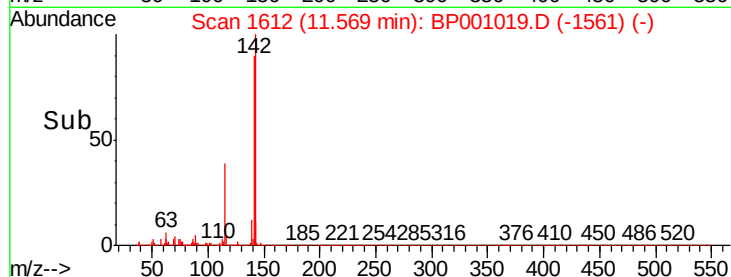
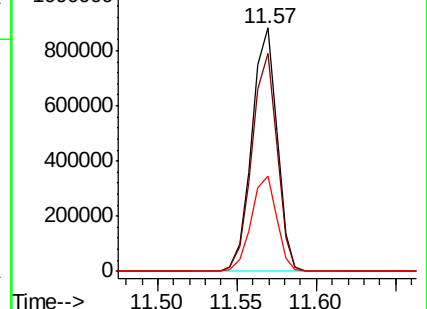
115 39.3 30.8 46.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 39.295 ng

RT: 11.73 min Scan# 1639

Delta R.T. -0.00 min

Lab File: BP001019.D

Acq: 11 Nov 2019 16:31

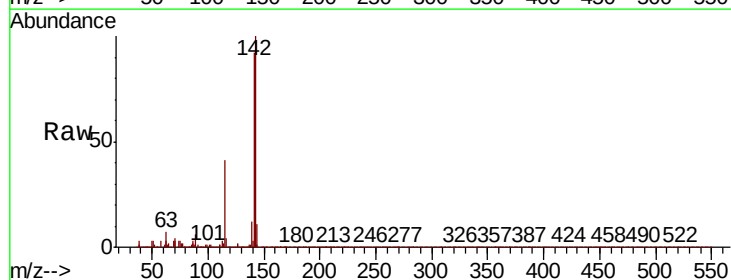
Tgt Ion:142 Resp: 917354

Ion Ratio Lower Upper

142 100

141 92.3 73.9 110.9

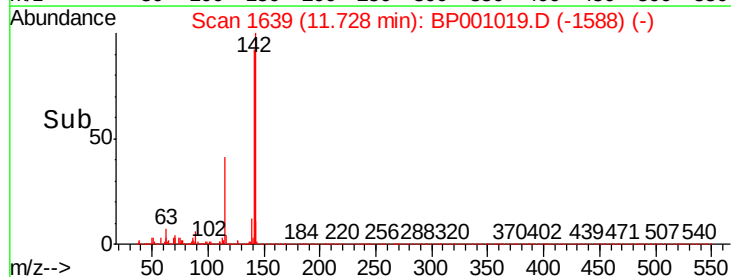
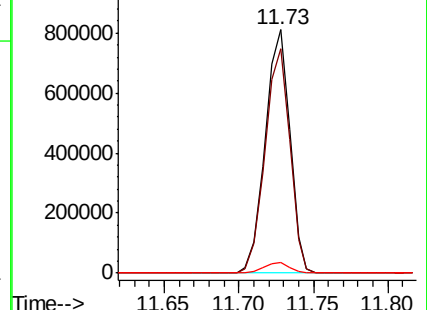
116 4.3 3.4 5.0

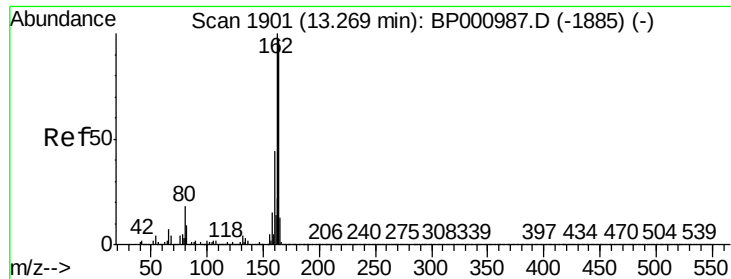


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.26 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BP001019.D

Acq: 11 Nov 2019 16:31

Instrument :

BNA_P

ClientSampled :

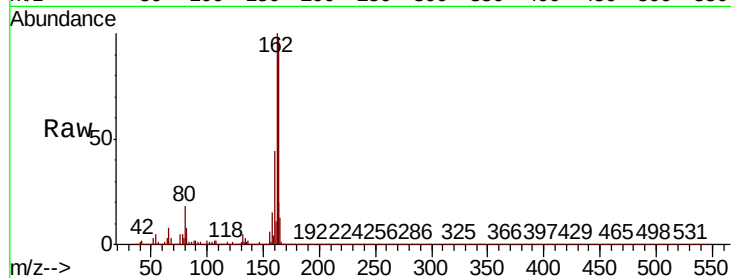
Tot Ion:164 Resp: 426290

Ion Ratio Lower Upper

164 100

162 102.1 82.6 123.8

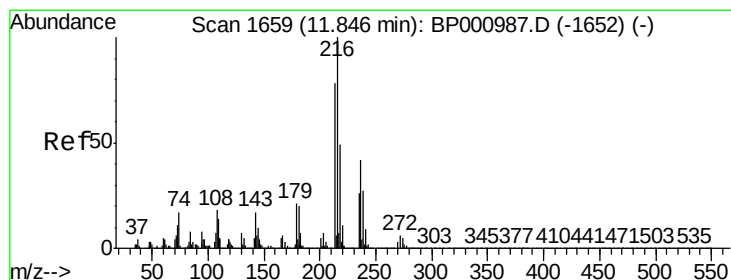
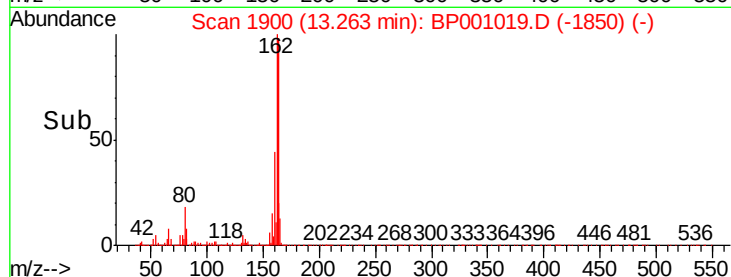
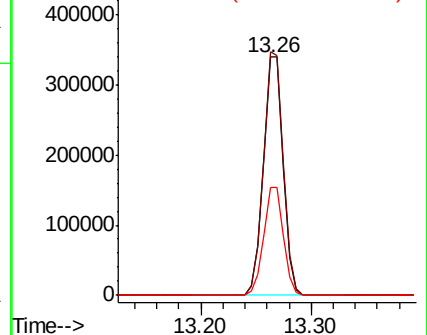
160 45.1 36.5 54.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.737 ng

RT: 11.85 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BP001019.D

Acq: 11 Nov 2019 16:31

Tgt Ion:216 Resp: 564041

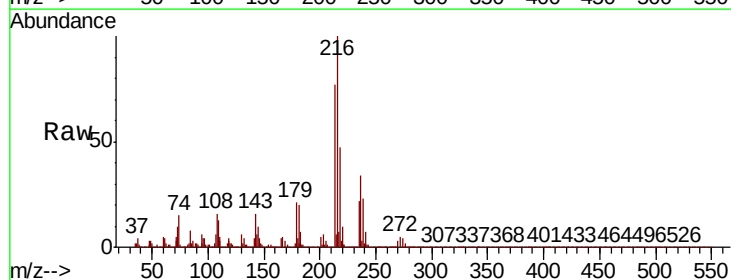
Ion Ratio Lower Upper

216 100

214 78.2 62.8 94.2

179 21.5 16.8 25.2

108 18.0 14.6 21.8

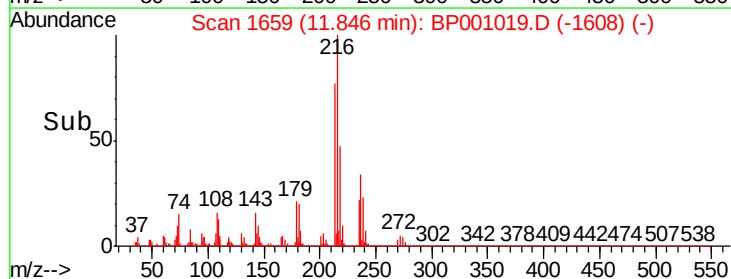
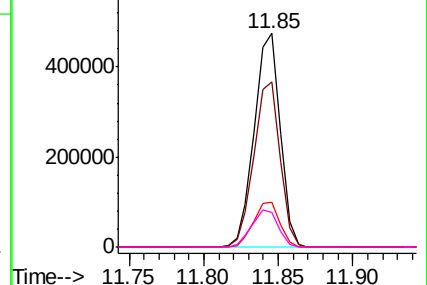


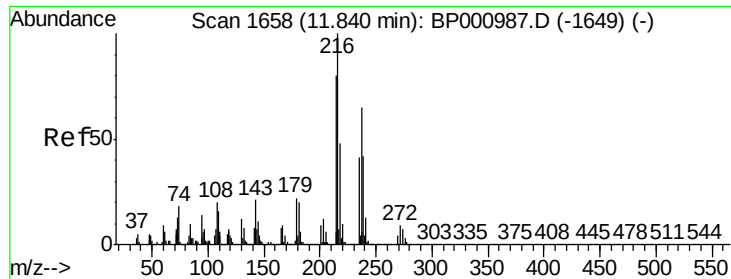
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

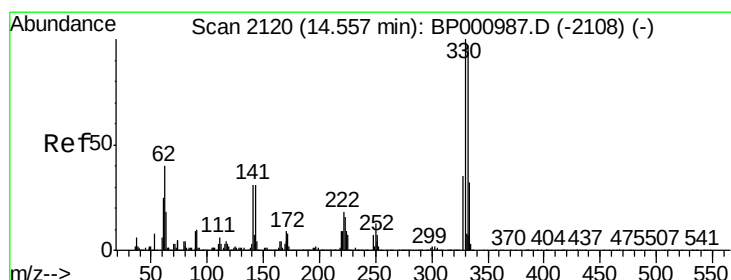
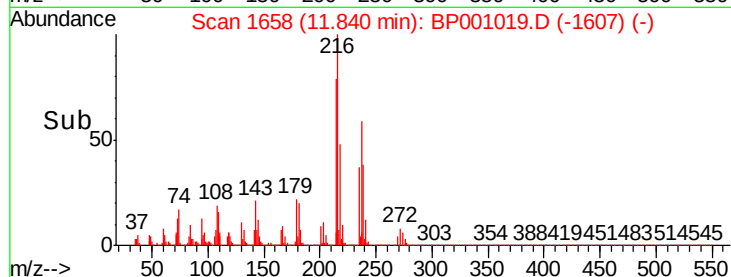
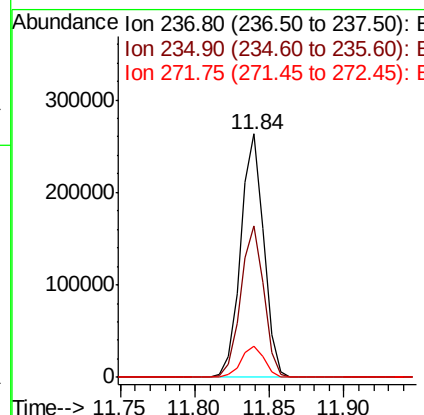
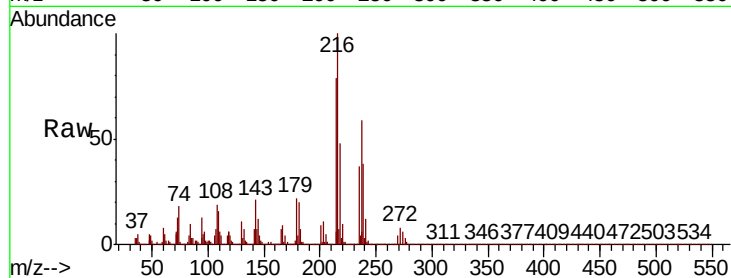




#41
Hexachlorocyclopentadiene
Concen: 39.852 ng
RT: 11.84 min Scan# 1658
Delta R.T. -0.00 min
Lab File: BP001019.D
Acq: 11 Nov 2019 16:31

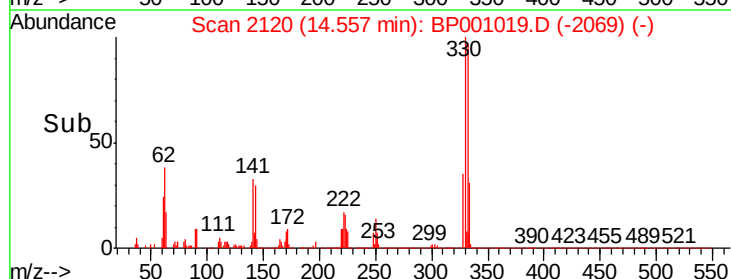
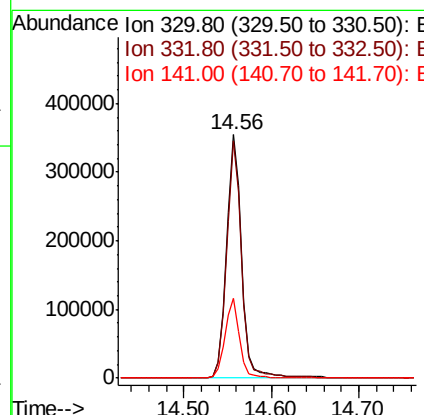
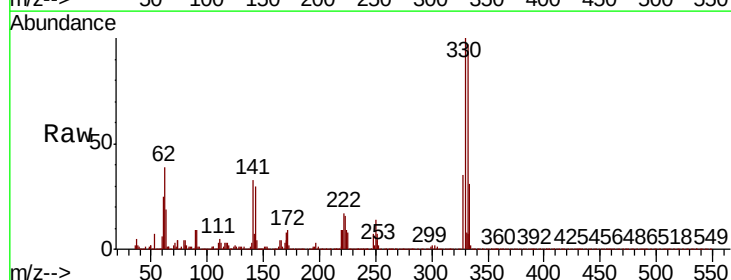
Instrument :
BNA_P
ClientSampleId :

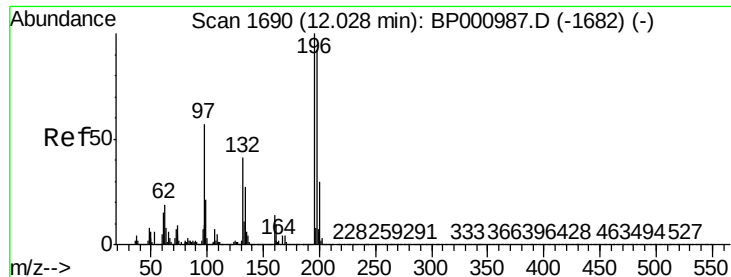
Tot Ion	Ratio	Lower	Upper
237	100		
235	62.4	43.1	83.1
272	12.7	0.0	33.1



#42
2,4,6-Tribromophenol
Concen: 83.823 ng
RT: 14.56 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BP001019.D
Acq: 11 Nov 2019 16:31

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.3	117.5
141	31.6	25.0	37.4

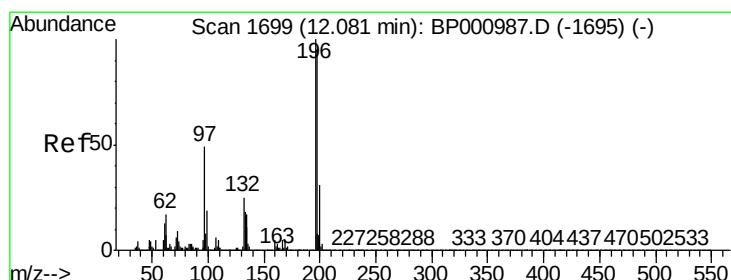
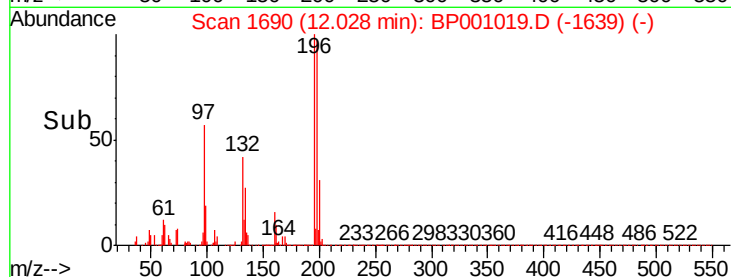
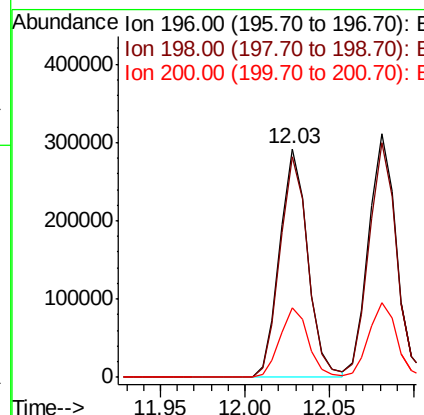
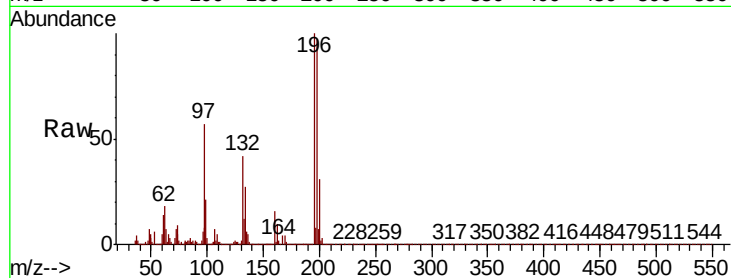




#43
2,4,6-Trichlorophenol
Concen: 39.464 ng
RT: 12.03 min Scan# 1690
Delta R.T. -0.00 min
Lab File: BP001019.D
Acq: 11 Nov 2019 16:31

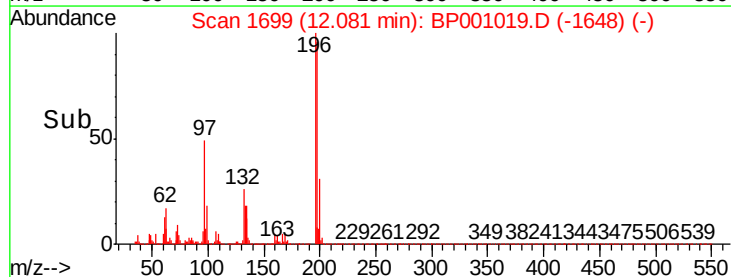
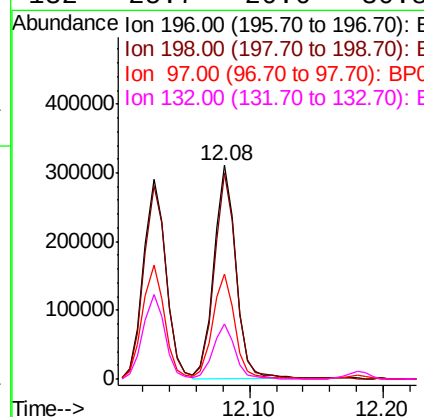
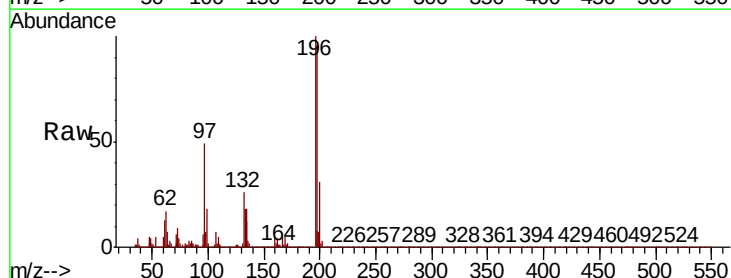
Instrument :
BNA_P
ClientSampled :

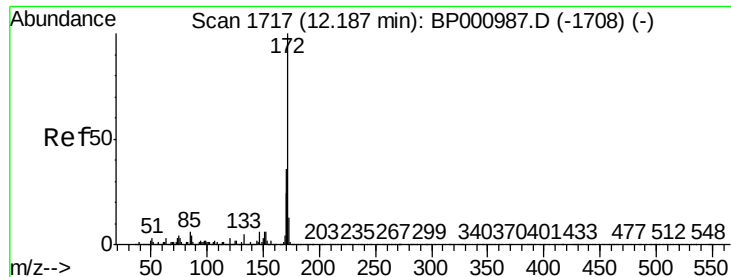
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.6	74.0	111.0
200	30.6	24.2	36.4



#44
2,4,5-Trichlorophenol
Concen: 39.301 ng
RT: 12.08 min Scan# 1699
Delta R.T. -0.00 min
Lab File: BP001019.D
Acq: 11 Nov 2019 16:31

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.2	76.3	114.5
97	48.9	39.1	58.7
132	25.7	20.6	30.8

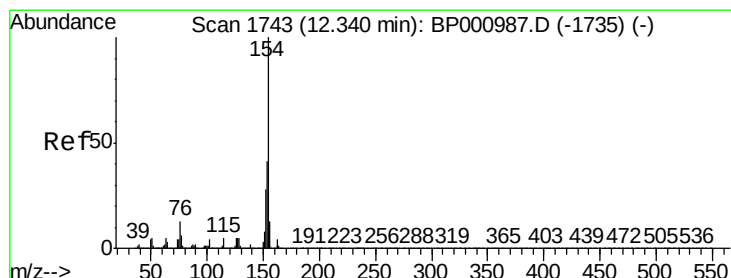
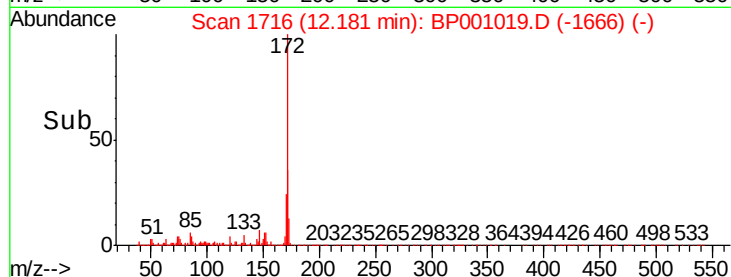
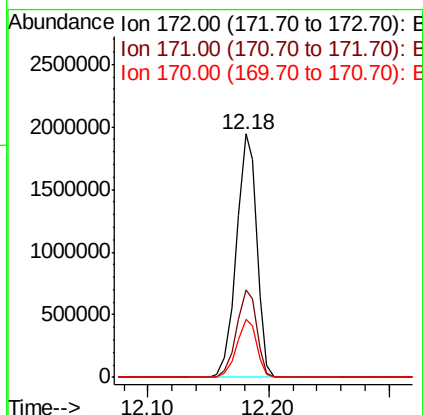
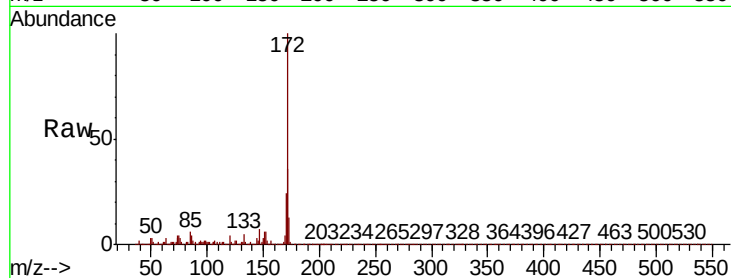




#45
2-Fluorobiphenyl
Concen: 80.583 ng
RT: 12.18 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BP001019.D
Acq: 11 Nov 2019 16:31

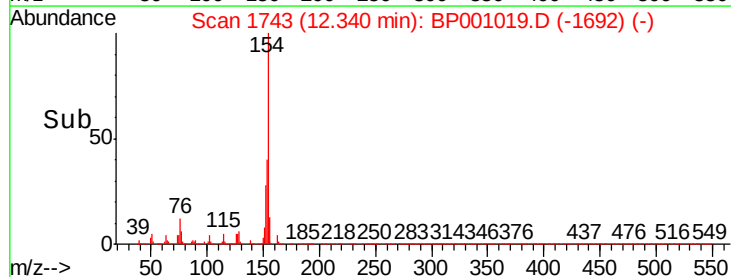
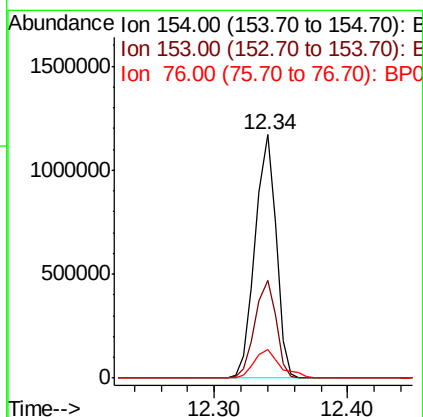
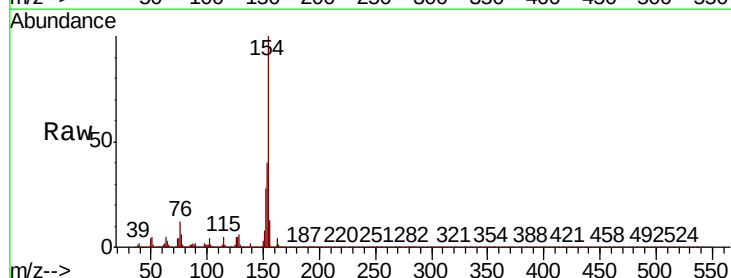
Instrument :
BNA_P
ClientSampled :

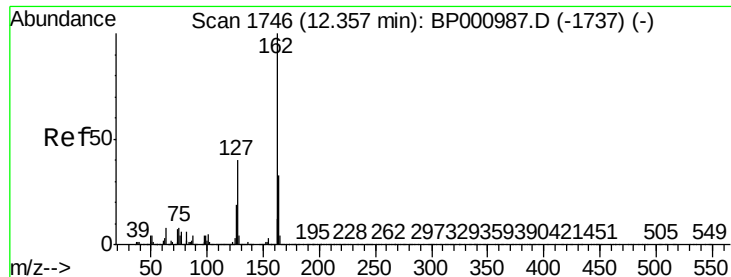
Tot Ion:172 Resp: 2280851
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 23.7 18.9 28.3



#46
1,1'-Biphenyl
Concen: 39.546 ng
RT: 12.34 min Scan# 1743
Delta R.T. -0.00 min
Lab File: BP001019.D
Acq: 11 Nov 2019 16:31

Tgt Ion:154 Resp: 1260529
Ion Ratio Lower Upper
154 100
153 40.3 20.9 60.9
76 11.6 0.0 32.5

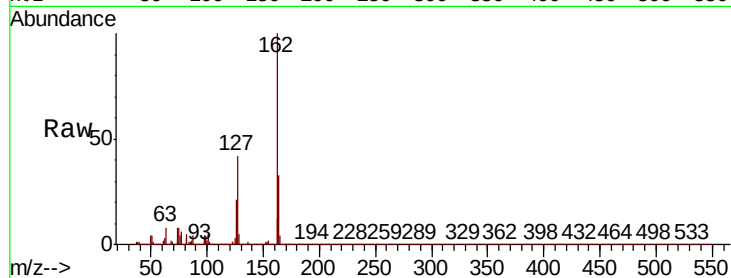




#47
2-Chloronaphthalene
Concen: 38.828 ng
RT: 12.36 min Scan# 1746
Delta R.T. -0.00 min
Lab File: BP001019.D
Acq: 11 Nov 2019 16:31

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.5	32.1	48.1
164	32.8	26.1	39.1

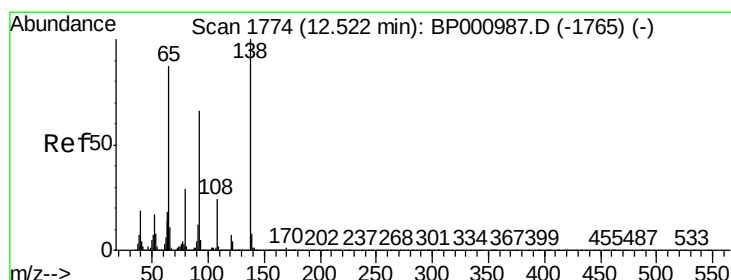
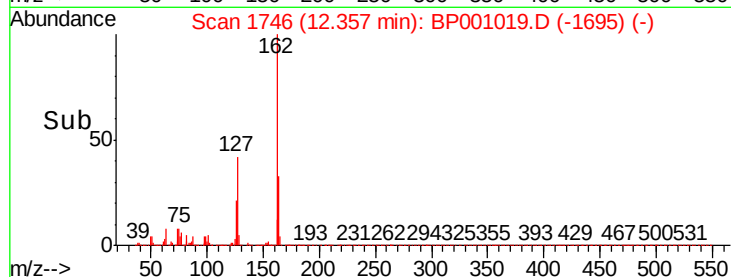
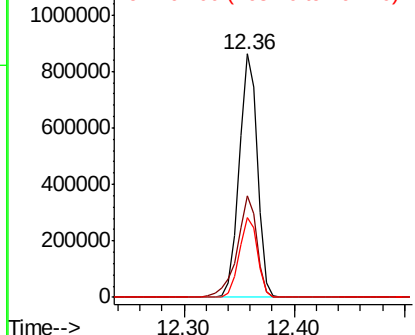


Abundance

Ion 162.00 (161.70 to 162.70): E

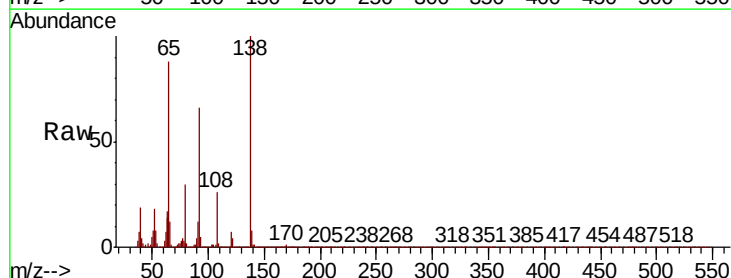
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 40.022 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BP001019.D
Acq: 11 Nov 2019 16:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.7	61.4	92.2
138	114.3	92.5	138.7

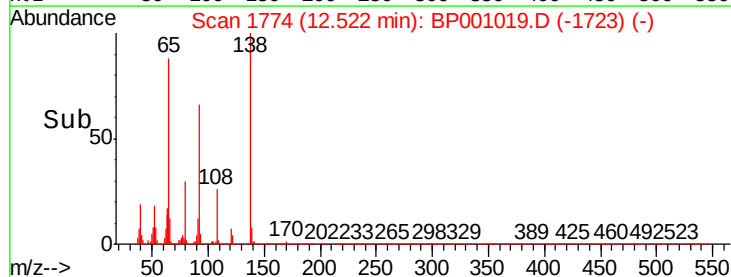
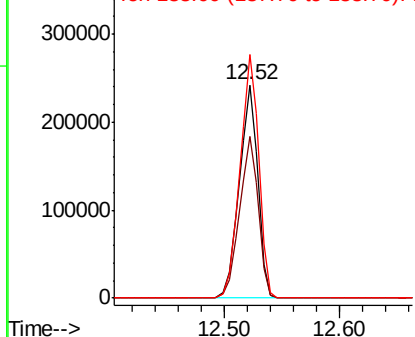


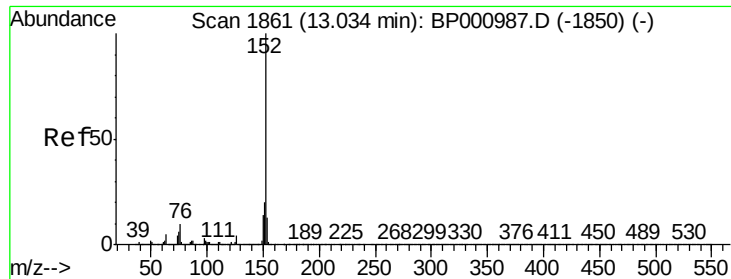
Abundance

Ion 65.00 (64.70 to 65.70): BP0

Ion 92.00 (91.70 to 92.70): BP0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.237 ng

RT: 13.03 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BP001019.D

Acq: 11 Nov 2019 16:31

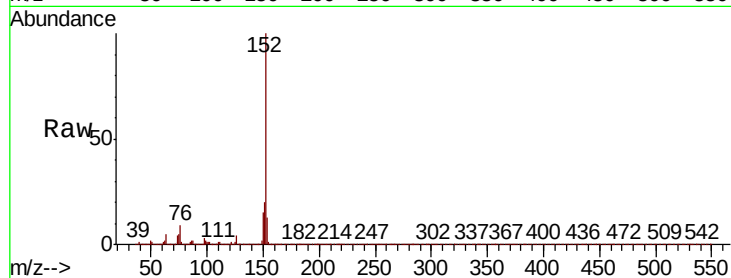
Instrument :

BNA_P

ClientSampleId :

Tot Ion:152 Resp: 1530629

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.0	24.0
153	12.9	10.6	16.0

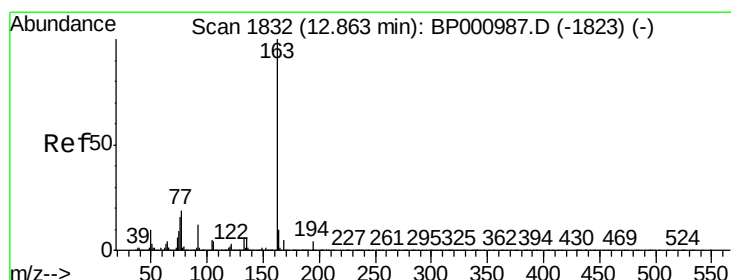
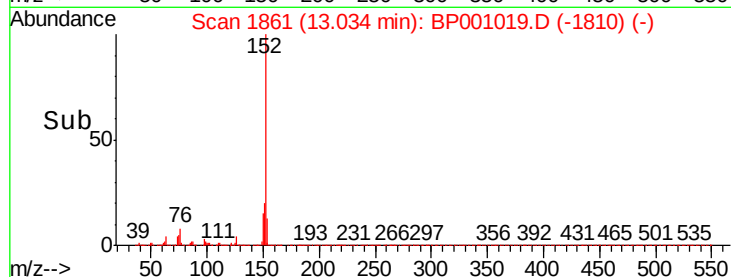
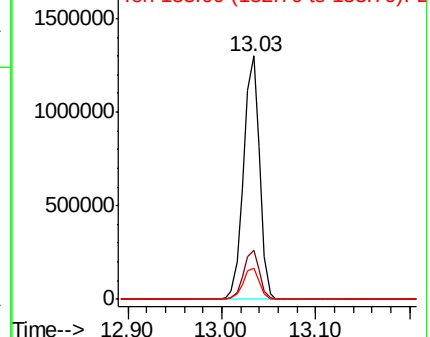


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.403 ng

RT: 12.86 min Scan# 1831

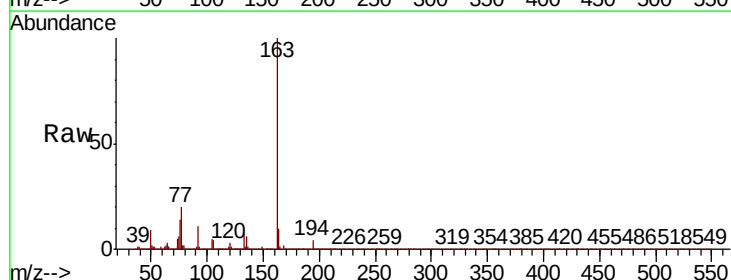
Delta R.T. -0.01 min

Lab File: BP001019.D

Acq: 11 Nov 2019 16:31

Tgt Ion:163 Resp: 1242038

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.1	7.9	11.9

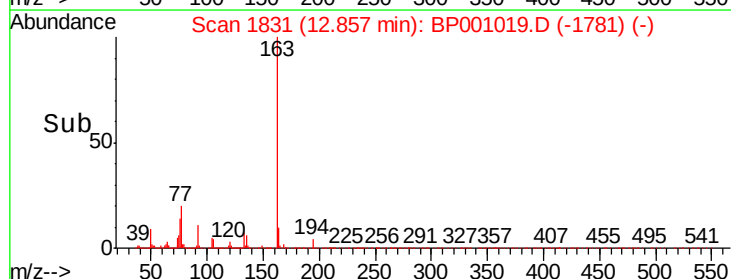
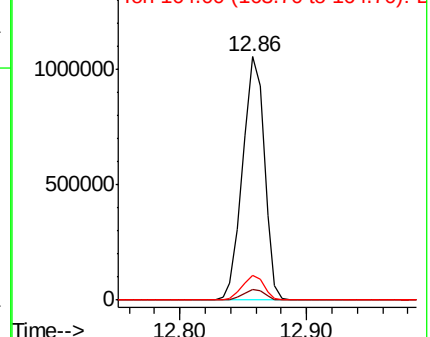


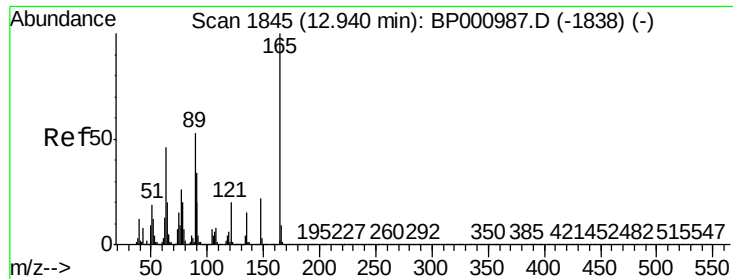
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

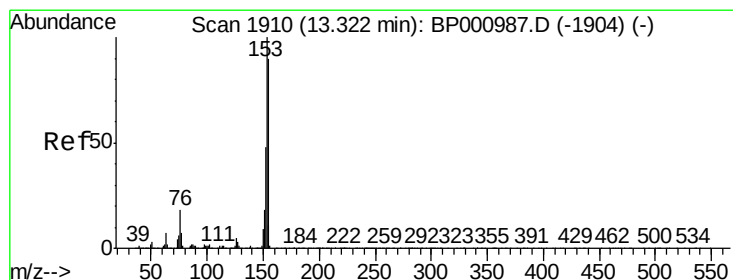
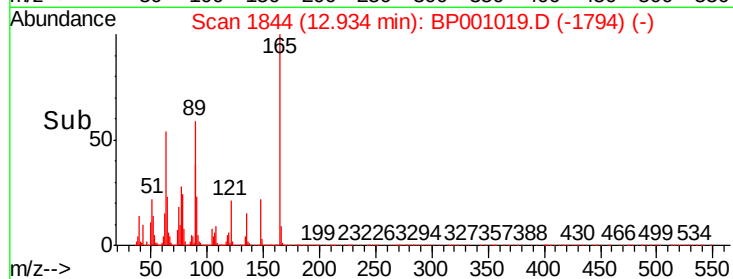
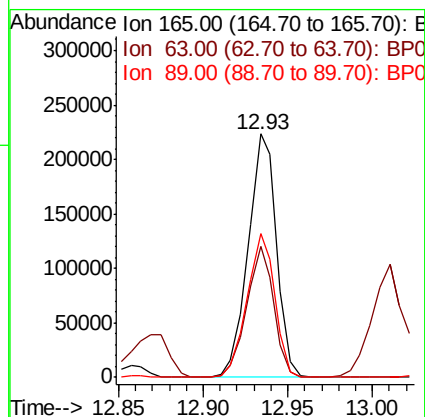
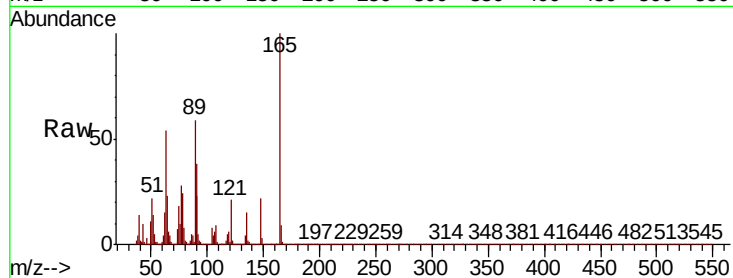




#51
2,6-Dinitrotoluene
Concen: 39.639 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BP001019.D
Acq: 11 Nov 2019 16:31

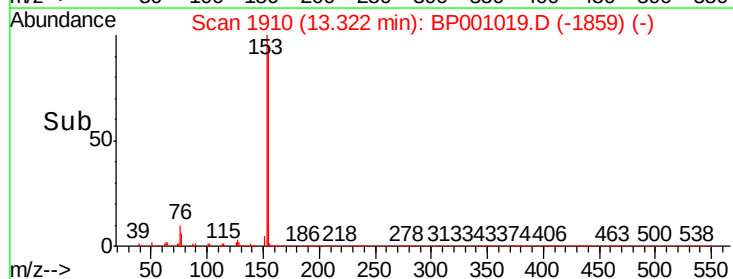
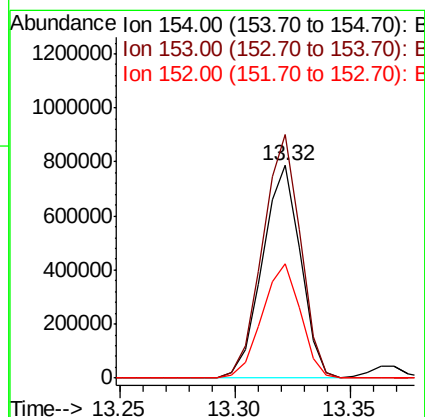
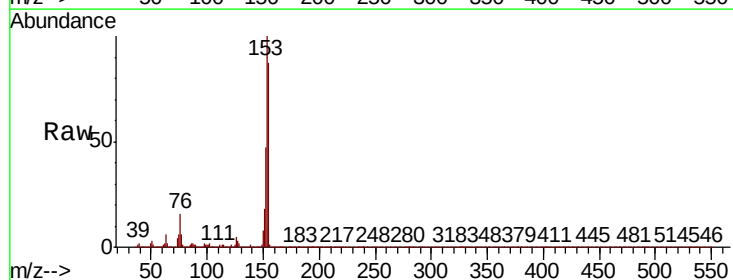
Instrument :
BNA_P
ClientSampled :

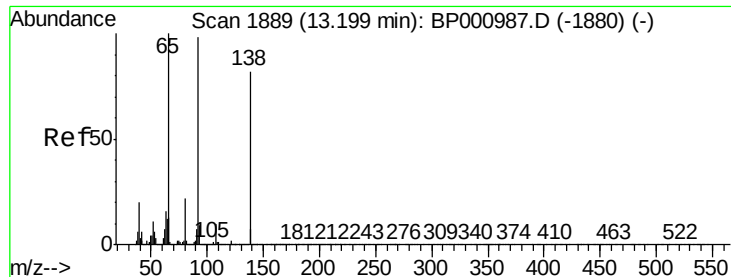
Tot Ion	Ratio	Lower	Upper
165	100		
63	53.7	36.7	55.1
89	59.2	42.3	63.5



#52
Acenaphthene
Concen: 38.825 ng
RT: 13.32 min Scan# 1910
Delta R.T. -0.00 min
Lab File: BP001019.D
Acq: 11 Nov 2019 16:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.4	88.9	133.3
152	54.0	42.4	63.6





#53

3-Nitroaniline

Concen: 38.721 ng

RT: 13.20 min Scan# 1889

Delta R.T. -0.00 min

Lab File: BP001019.D

Acq: 11 Nov 2019 16:31

Instrument :

BNA_P

ClientSampleId :

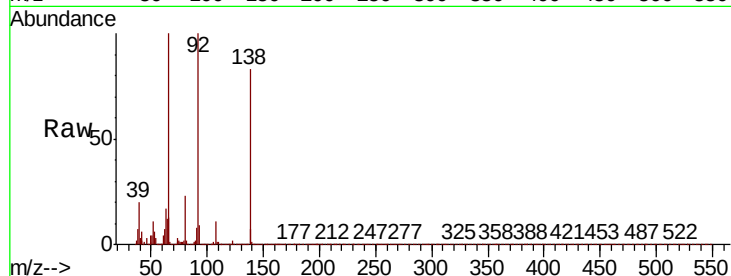
Tot Ion:138 Resp: 277694

Ion Ratio Lower Upper

138 100

108 12.6 10.1 15.1

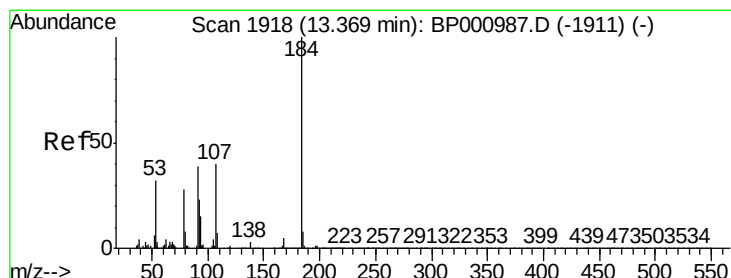
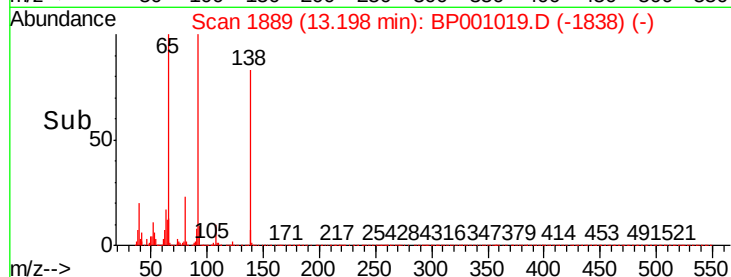
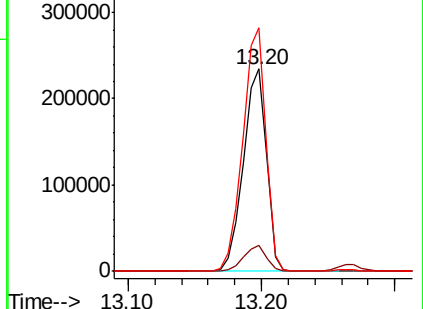
92 120.3 95.4 143.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BP0



#54

2,4-Dinitrophenol

Concen: 40.267 ng

RT: 13.37 min Scan# 1918

Delta R.T. 0.00 min

Lab File: BP001019.D

Acq: 11 Nov 2019 16:31

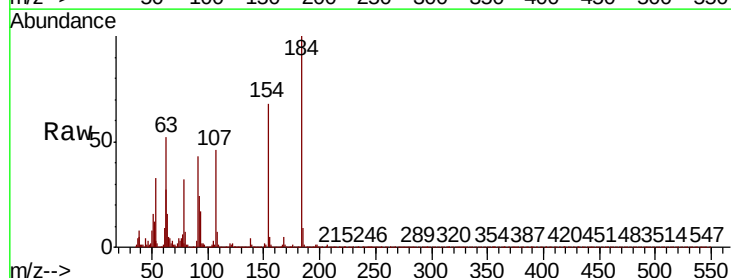
Tgt Ion:184 Resp: 72293

Ion Ratio Lower Upper

184 100

63 52.5 41.0 61.6

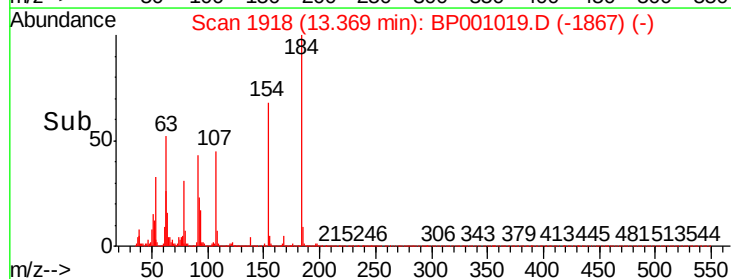
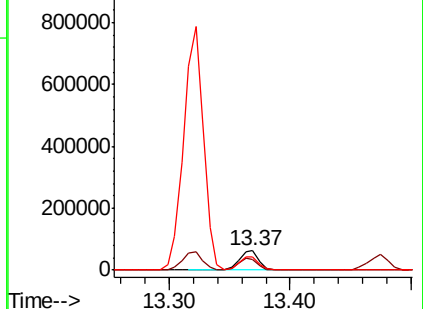
154 68.2 48.1 72.1

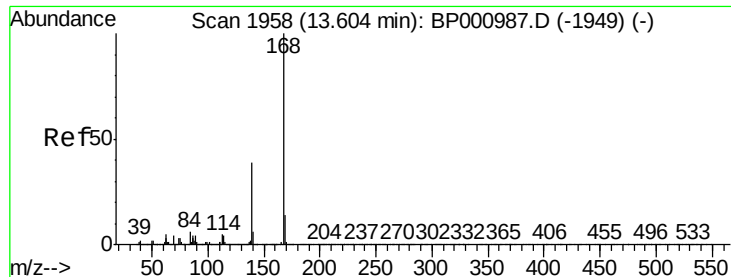


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 39.218 ng

RT: 13.60 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BP001019.D

Acq: 11 Nov 2019 16:31

Instrument :

BNA_P

ClientSampleId :

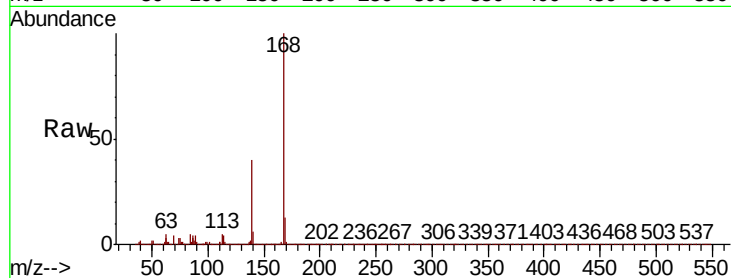
Tot Ion:168 Resp: 1429227

Ion	Ratio	Lower	Upper
168	100		
139	39.8	30.9	46.3
169	13.3	10.9	16.3

168 100

139 39.8 30.9 46.3

169 13.3 10.9 16.3

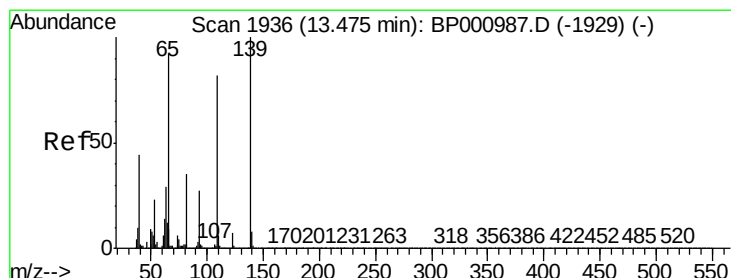
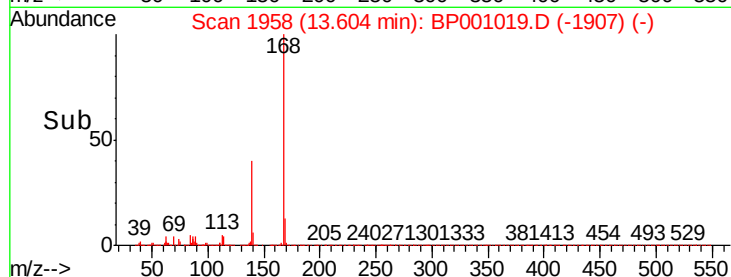
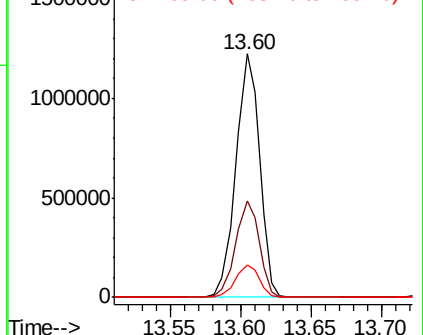


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 39.025 ng

RT: 13.47 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BP001019.D

Acq: 11 Nov 2019 16:31

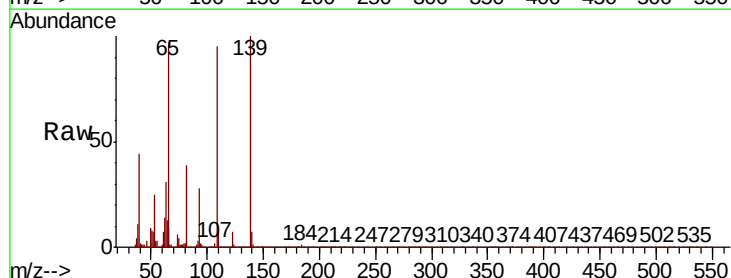
Tgt Ion:139 Resp: 194624

Ion	Ratio	Lower	Upper
139	100		
109	94.5	61.6	101.6
65	96.6	72.0	112.0

139 100

109 94.5 61.6 101.6

65 96.6 72.0 112.0

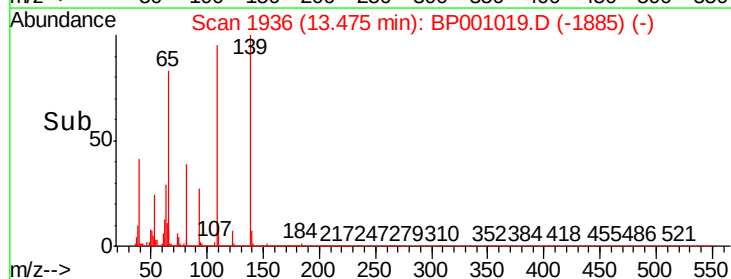
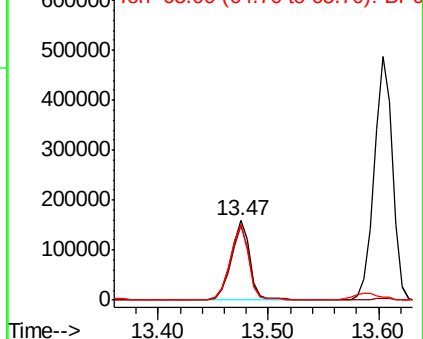


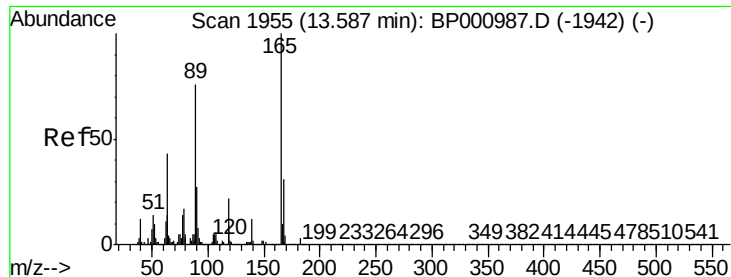
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BPO

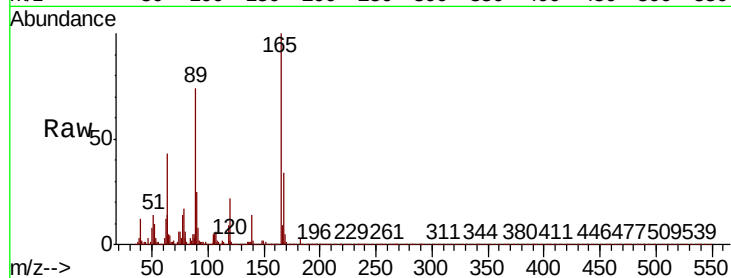




#57
2,4-Dinitrotoluene
Concen: 41.435 ng
RT: 13.59 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BP001019.D
Acq: 11 Nov 2019 16:31

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.3	34.3	51.5
89	73.7	60.5	90.7
182	3.0	2.4	3.6



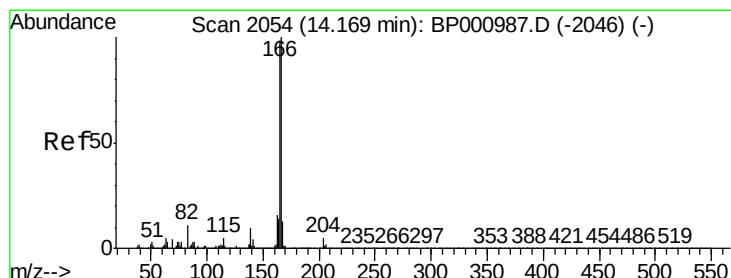
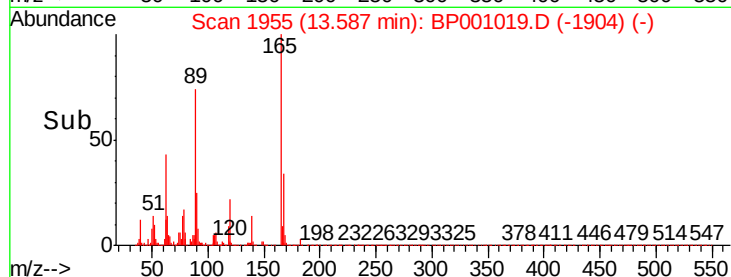
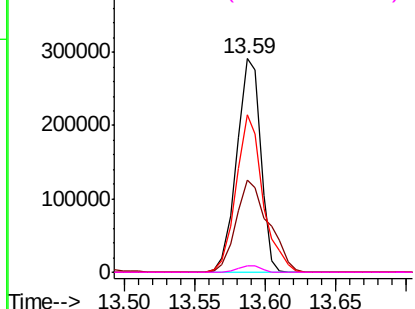
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

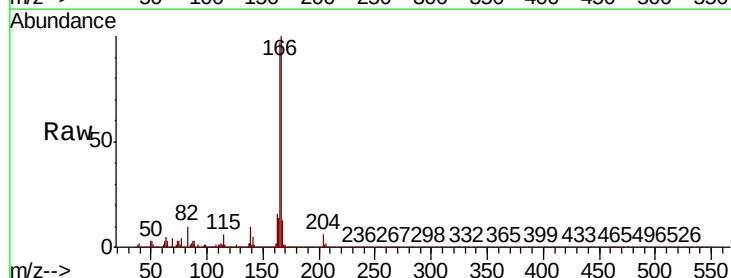
Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 39.604 ng
RT: 14.17 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BP001019.D
Acq: 11 Nov 2019 16:31

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.8	78.2	117.2
167	12.8	10.7	16.1

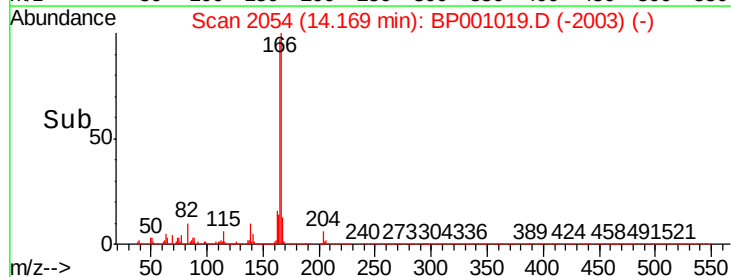
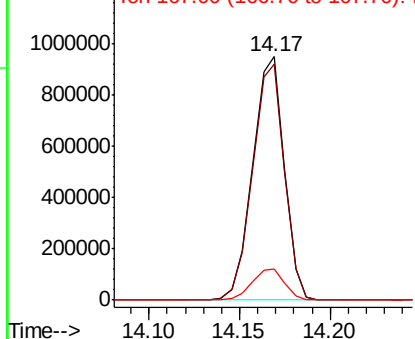


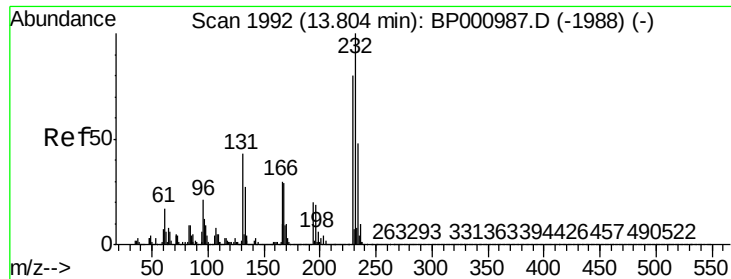
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

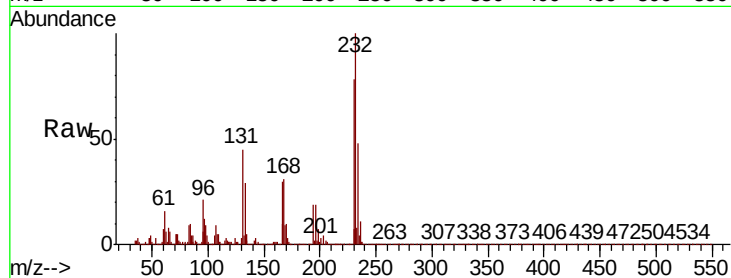




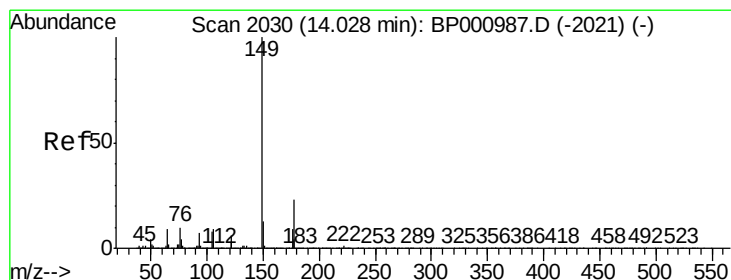
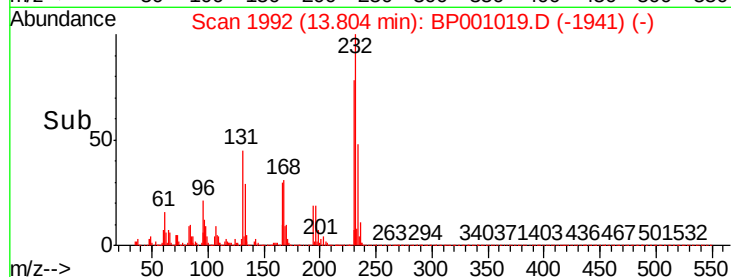
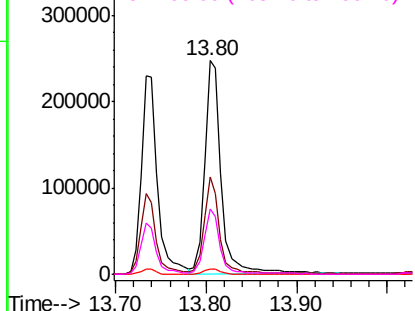
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.681 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.00 min
Lab File: BP001019.D
Acq: 11 Nov 2019 16:31

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.4	32.2	48.2
130	2.5	1.7	2.5
166	28.9	22.0	33.0

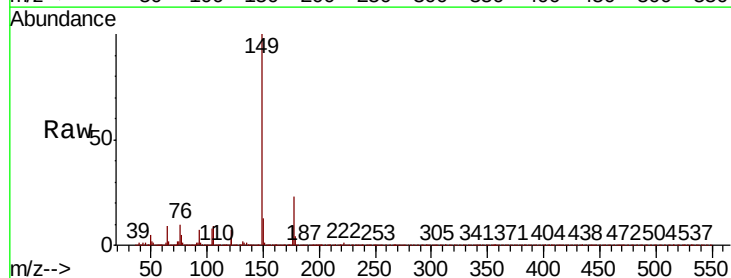


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

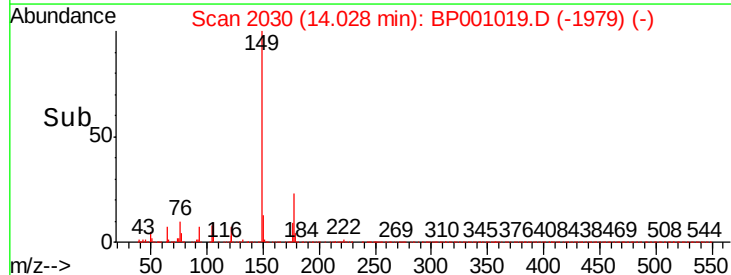
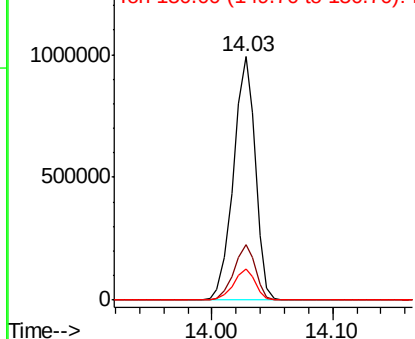


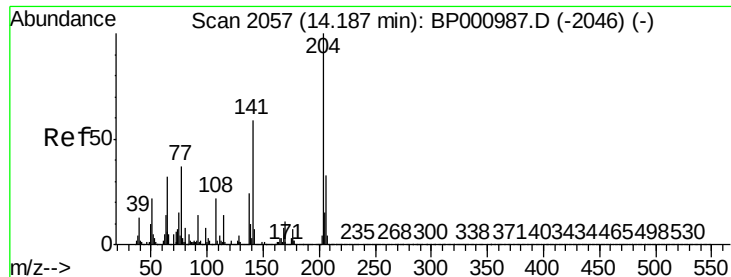
#60
Diethylphthalate
Concen: 39.358 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.00 min
Lab File: BP001019.D
Acq: 11 Nov 2019 16:31

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.5	27.7
150	12.7	10.2	15.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

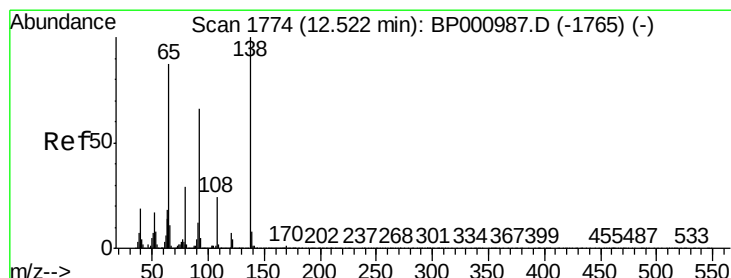
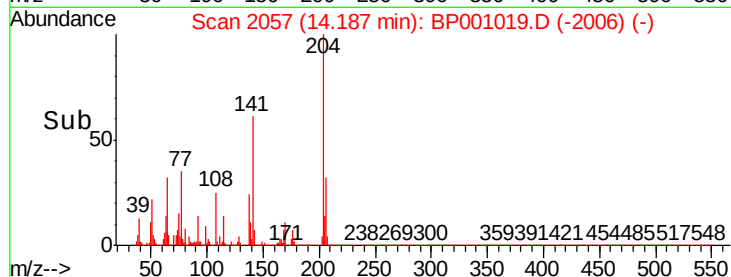
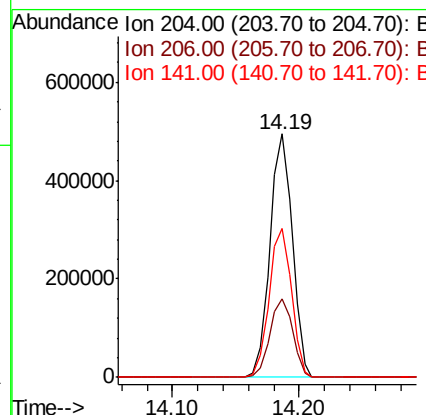
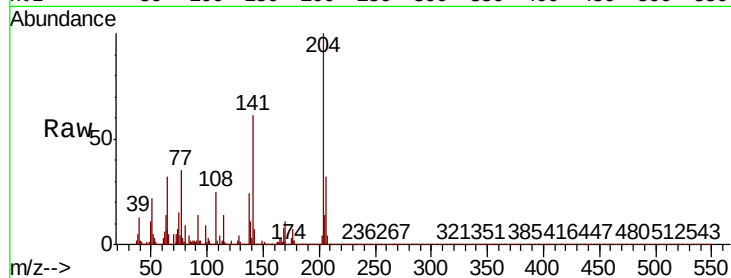




#61
4-Chlorophenyl-phenylether
Concen: 39.608 ng
RT: 14.19 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BP001019.D
Acq: 11 Nov 2019 16:31

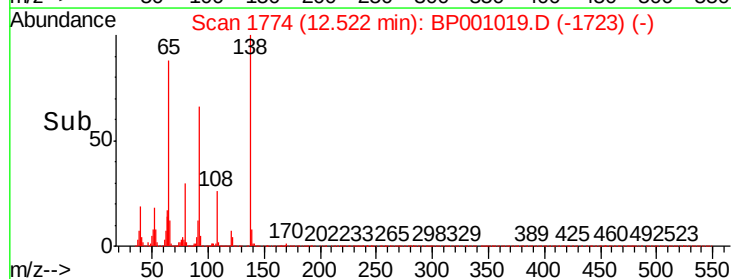
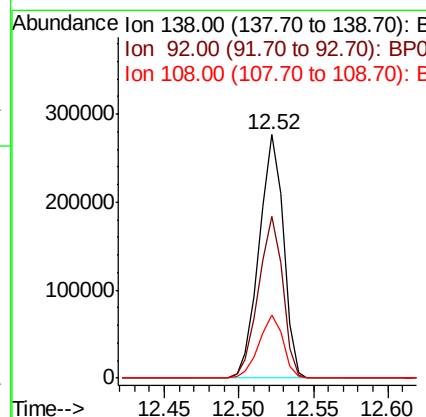
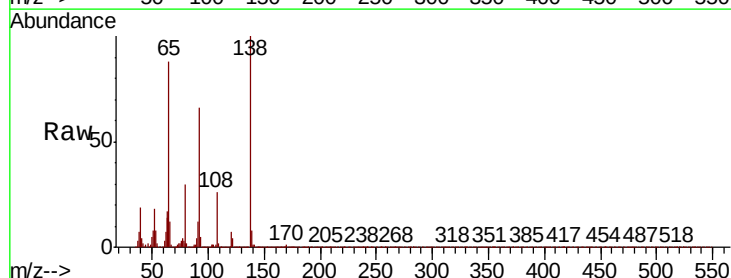
Instrument :
BNA_P
ClientSampled :

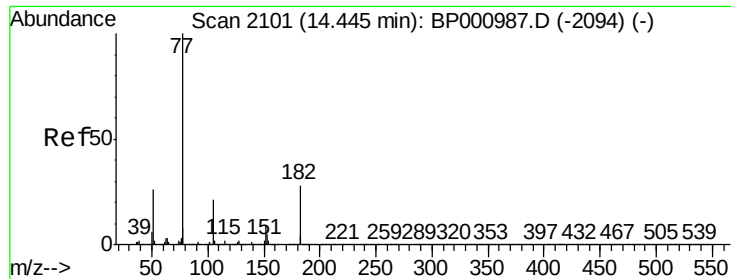
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.5	39.7
141	60.9	46.9	70.3



#62
4-Nitroaniline
Concen: 40.189 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BP001019.D
Acq: 11 Nov 2019 16:31

Tgt Ion	Ratio	Lower	Upper
138	100		
92	66.2	46.4	86.4
108	26.1	3.9	43.9

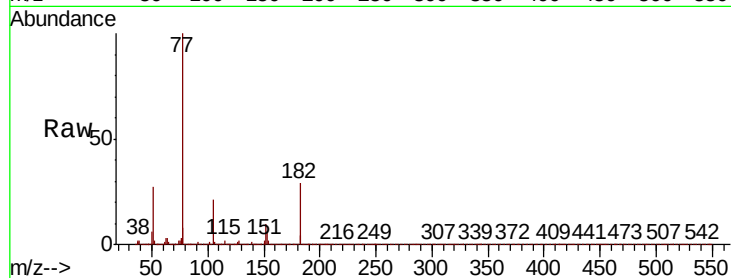




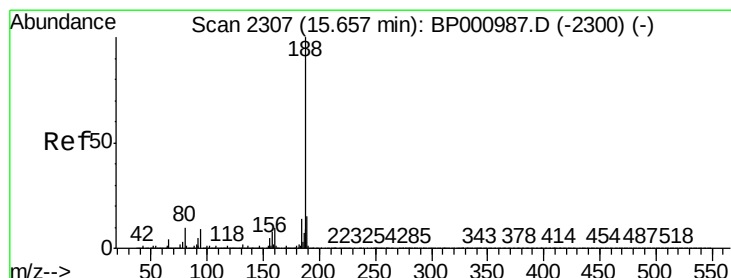
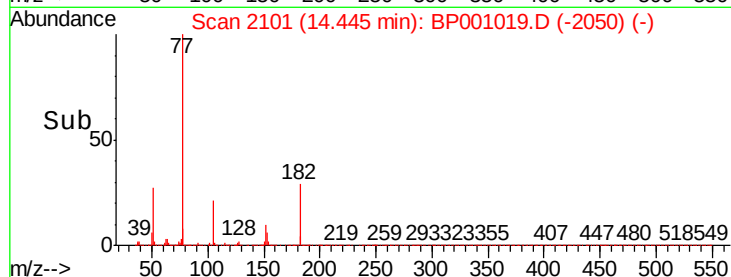
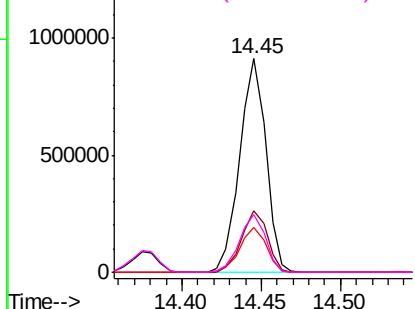
#63
Azobenzene
Concen: 37.669 ng
RT: 14.45 min Scan# 2101
Delta R.T. -0.00 min
Lab File: BP001019.D
Acq: 11 Nov 2019 16:31

Instrument :
BNA_P
ClientSampleId :

Tot Ion: 77 Resp: 1043855
Ion Ratio Lower Upper
77 100
182 29.1 8.4 48.4
105 21.2 1.0 41.0
51 27.0 6.0 46.0

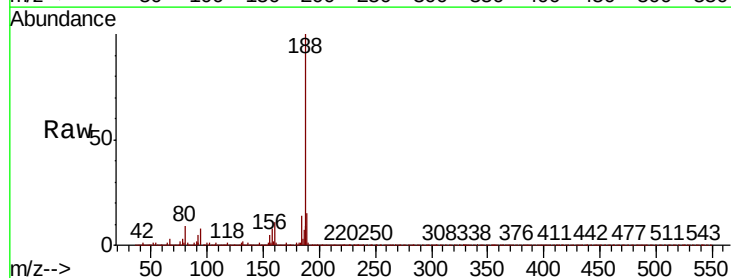


Abundance Ion 77.00 (76.70 to 77.70): BP0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BP0

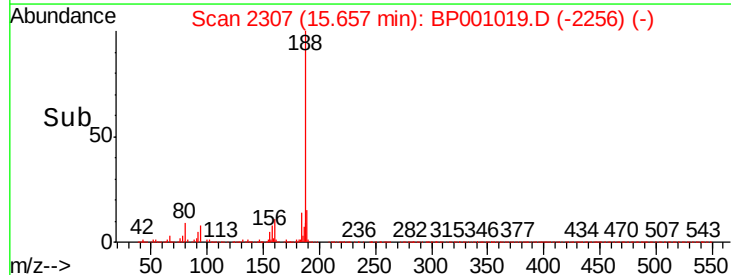
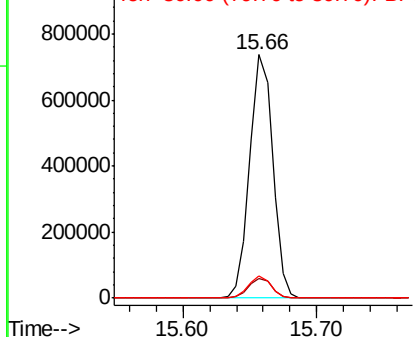


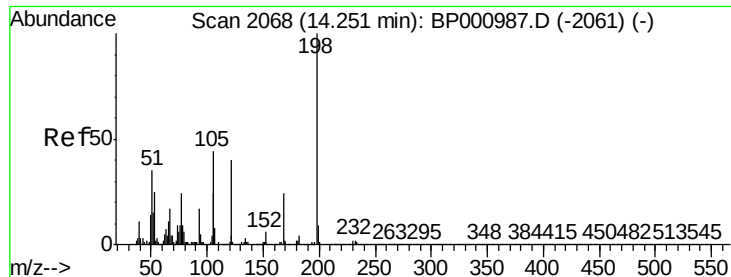
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. -0.00 min
Lab File: BP001019.D
Acq: 11 Nov 2019 16:31

Tgt Ion: 188 Resp: 875254
Ion Ratio Lower Upper
188 100
94 8.3 7.4 11.2
80 9.2 7.9 11.9



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BP0
Ion 80.00 (79.70 to 80.70): BP0





#65

4,6-Dinitro-2-methylphenol

Concen: 39.095 ng

RT: 14.25 min Scan# 2068

Delta R.T. 0.00 min

Lab File: BP001019.D

Acq: 11 Nov 2019 16:31

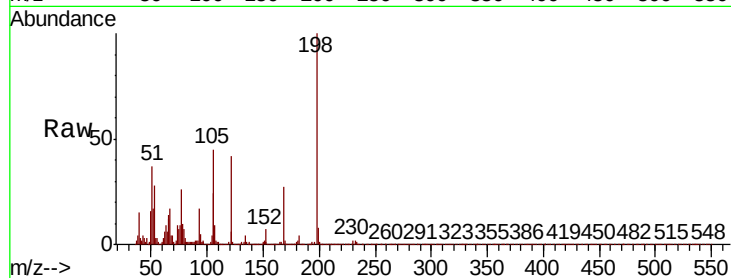
Instrument :

BNA_P

ClientSampled :

Tot Ion:198 Resp: 101227

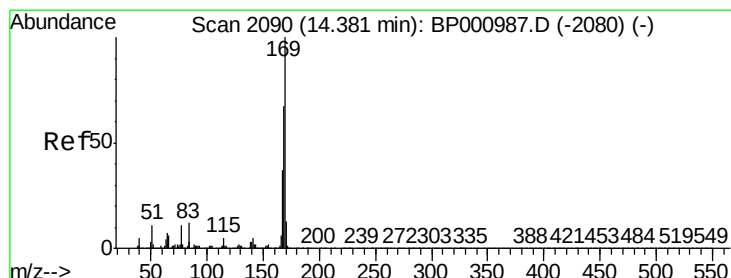
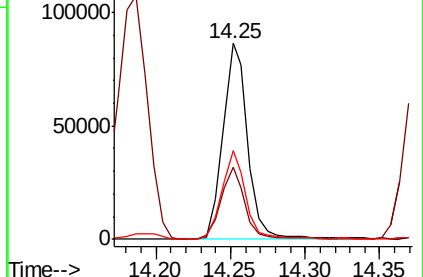
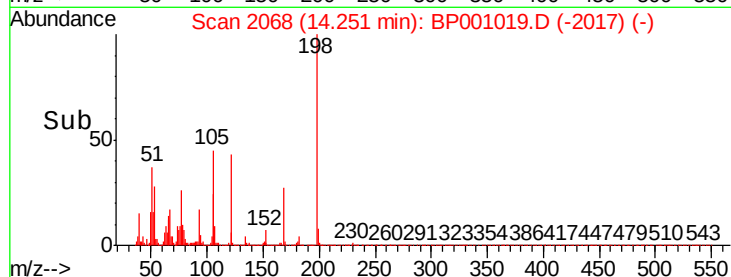
Ion	Ratio	Lower	Upper
198	100		
51	36.9	16.0	56.0
105	45.4	24.9	64.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.993 ng

RT: 14.38 min Scan# 2090

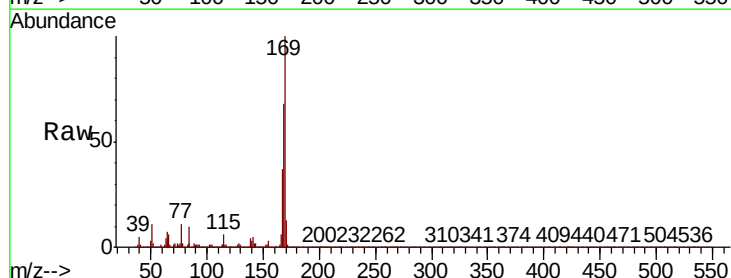
Delta R.T. -0.00 min

Lab File: BP001019.D

Acq: 11 Nov 2019 16:31

Tgt Ion:169 Resp: 981276

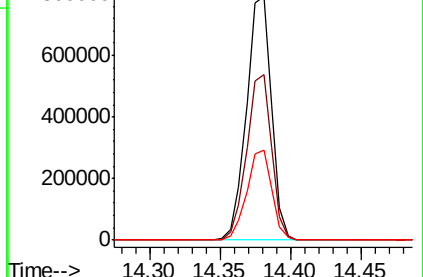
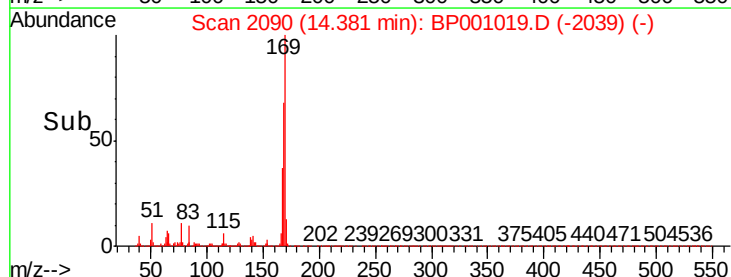
Ion	Ratio	Lower	Upper
169	100		
168	67.9	53.3	79.9
167	37.0	29.4	44.2

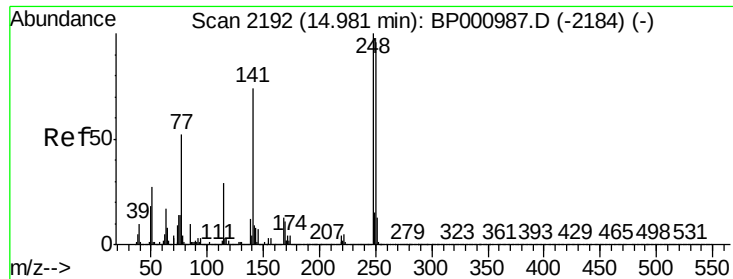


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

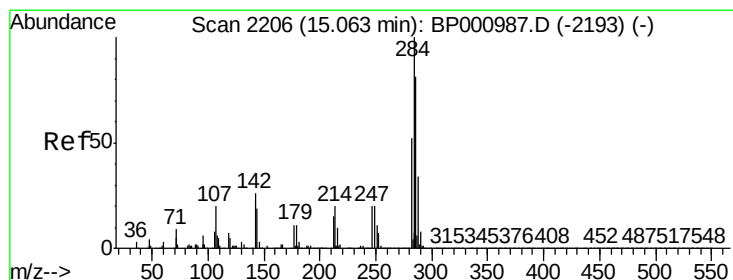
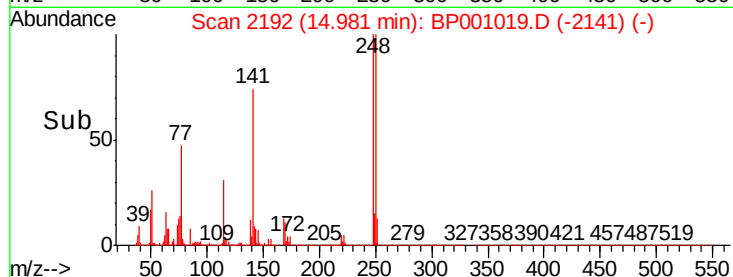
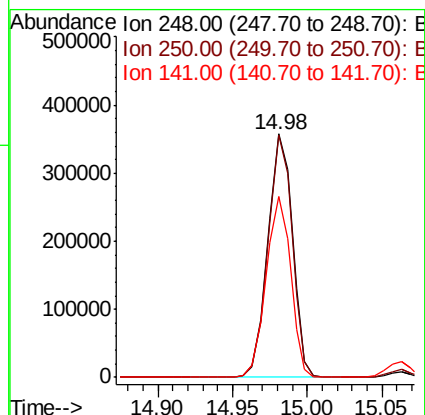
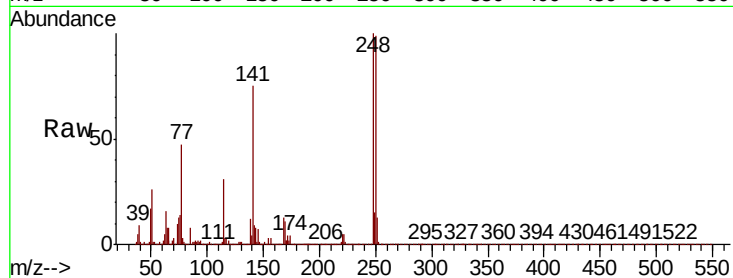




#67
4-Bromophenyl-phenylether
Concen: 39.512 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BP001019.D
Acq: 11 Nov 2019 16:31

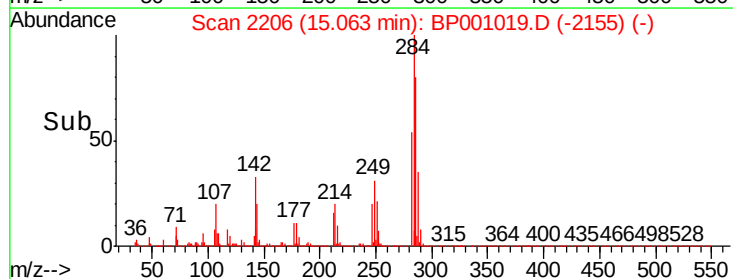
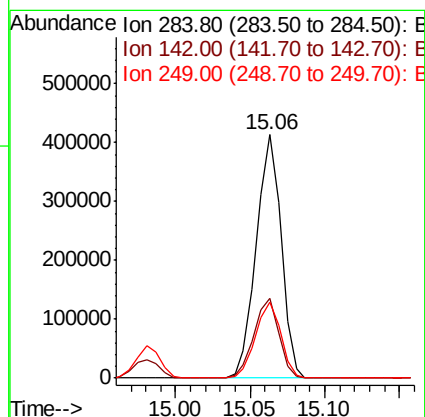
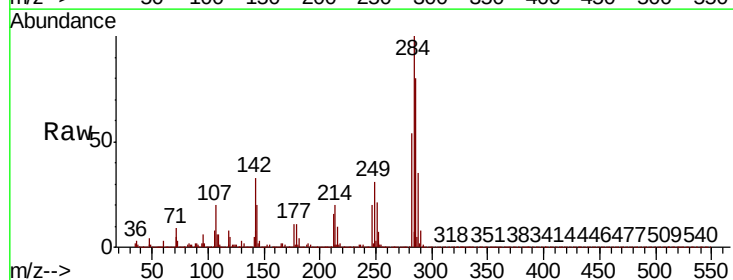
Instrument :
BNA_P
ClientSampled :

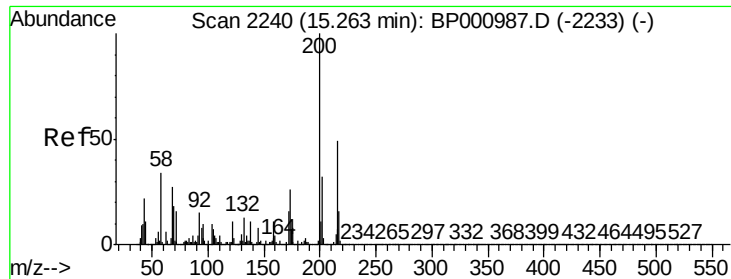
Tot Ion:248 Resp: 407114
Ion Ratio Lower Upper
248 100
250 99.5 77.0 115.6
141 74.5 59.4 89.0



#68
Hexachlorobenzene
Concen: 39.728 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BP001019.D
Acq: 11 Nov 2019 16:31

Tgt Ion:284 Resp: 474367
Ion Ratio Lower Upper
284 100
142 32.5 25.8 38.8
249 31.3 25.4 38.0

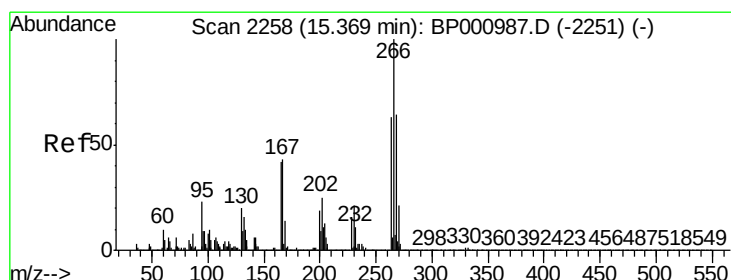
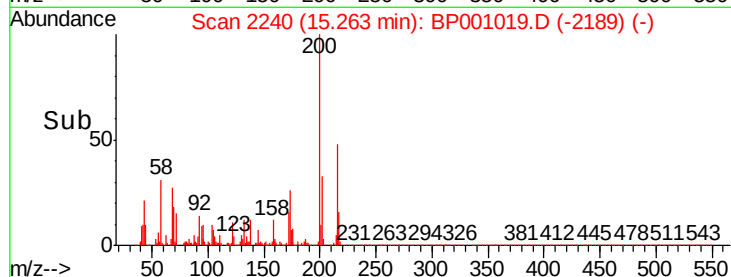
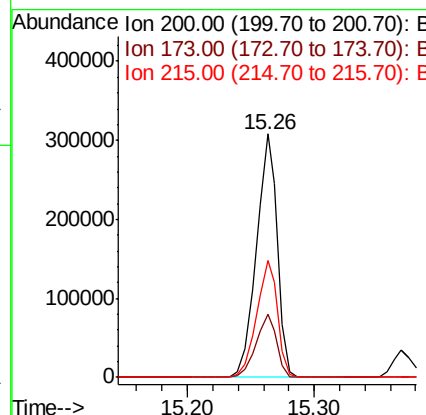
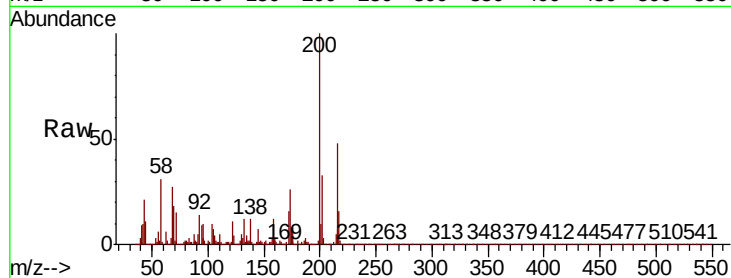




#69
 Atrazine
 Concen: 38.571 ng
 RT: 15.26 min Scan# 2240
 Delta R.T. -0.00 min
 Lab File: BP001019.D
 Acq: 11 Nov 2019 16:31

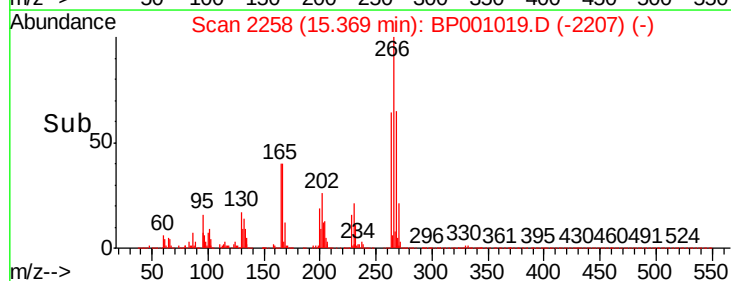
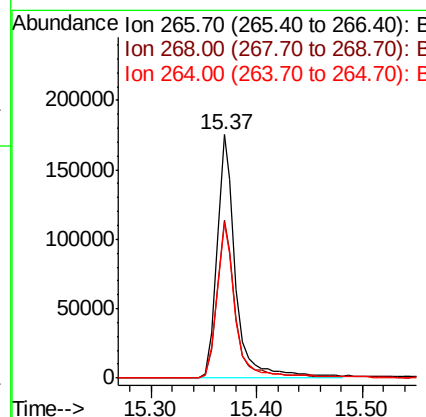
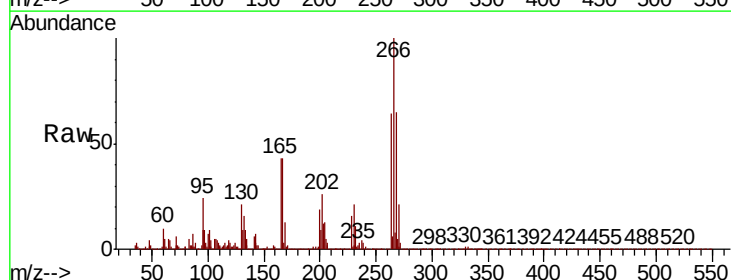
Instrument :
 BNA_P
 ClientSampleId :

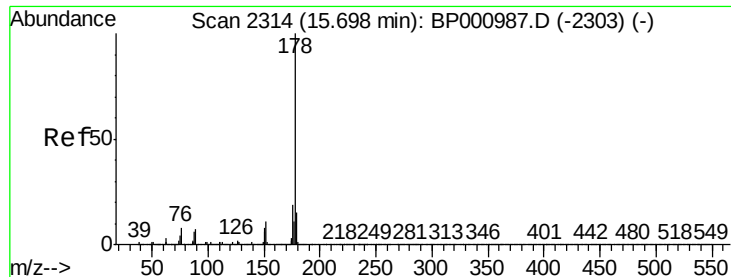
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.9	5.8	45.8
215	48.2	28.6	68.6



#70
 Pentachlorophenol
 Concen: 41.315 ng
 RT: 15.37 min Scan# 2258
 Delta R.T. -0.00 min
 Lab File: BP001019.D
 Acq: 11 Nov 2019 16:31

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.7	50.9	76.3
264	63.6	50.6	76.0

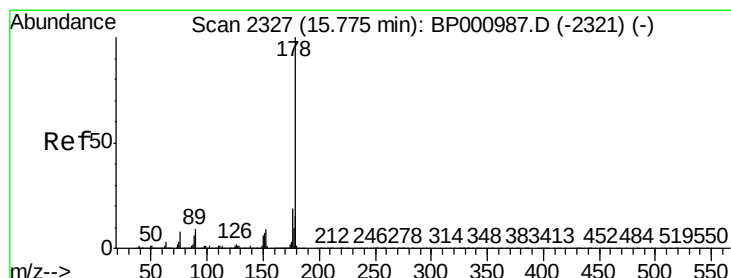
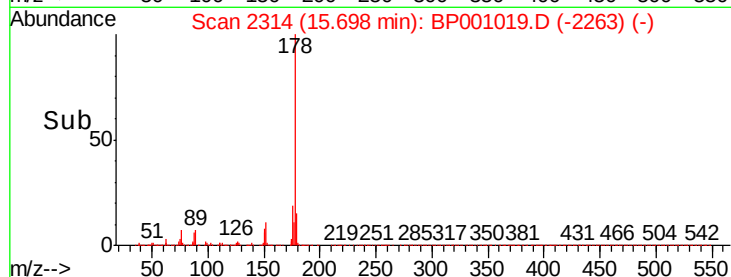
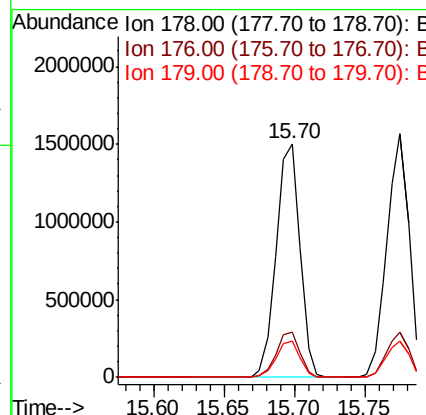
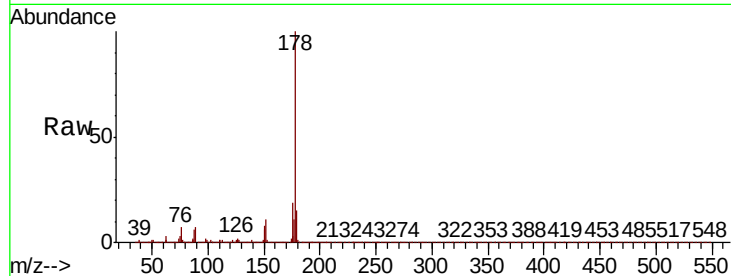




#71
Phenanthrene
Concen: 39.554 ng
RT: 15.70 min Scan# 2314
Delta R.T. -0.00 min
Lab File: BP001019.D
Acq: 11 Nov 2019 16:31

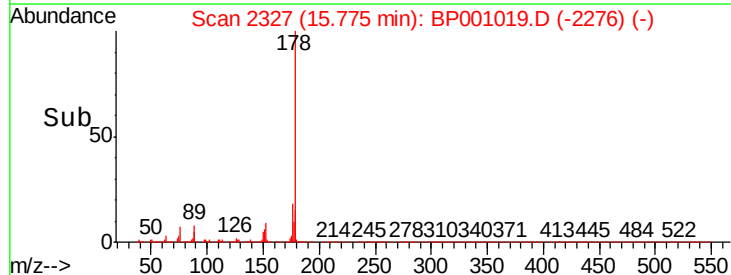
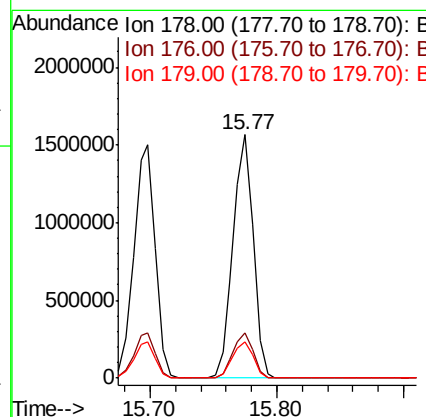
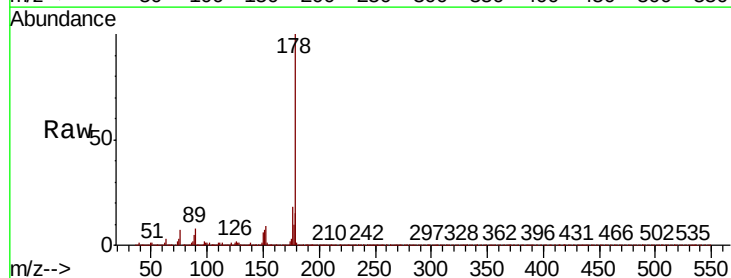
Instrument :
BNA_P
ClientSampleId :

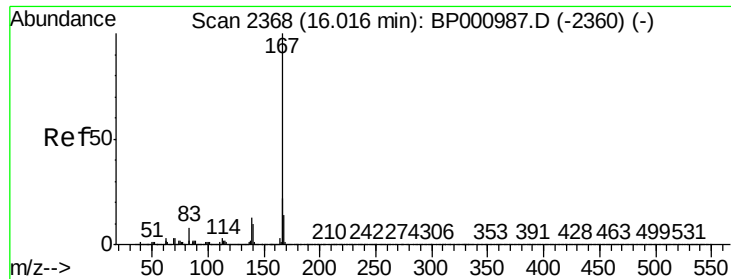
Tot Ion:178 Resp: 1771867
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.4 12.3 18.5



#72
Anthracene
Concen: 39.553 ng
RT: 15.77 min Scan# 2327
Delta R.T. -0.00 min
Lab File: BP001019.D
Acq: 11 Nov 2019 16:31

Tgt Ion:178 Resp: 1728427
Ion Ratio Lower Upper
178 100
176 18.5 15.1 22.7
179 15.1 12.3 18.5

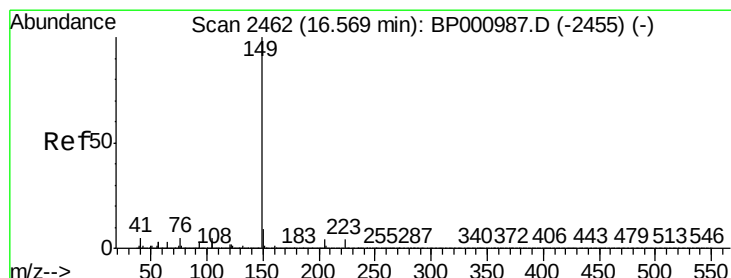
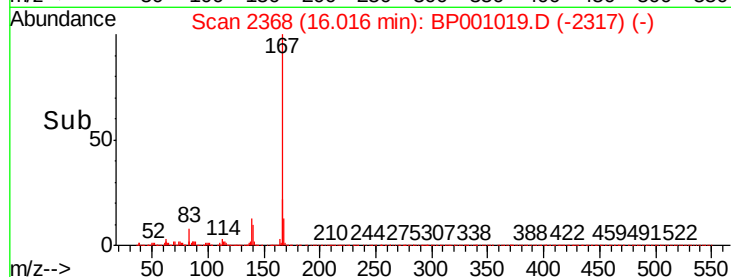
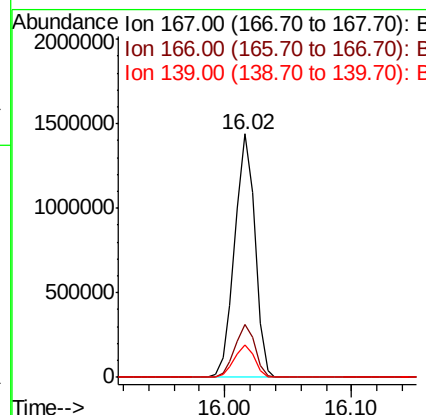
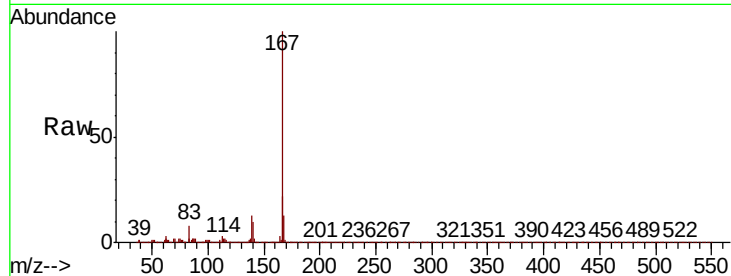




#73
 Carbazole
 Concen: 39.462 ng
 RT: 16.02 min Scan# 2368
 Delta R.T. -0.00 min
 Lab File: BP001019.D
 Acq: 11 Nov 2019 16:31

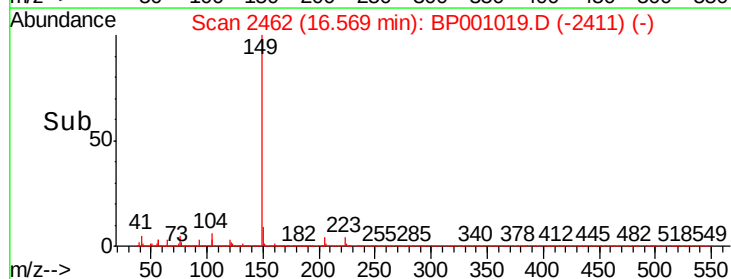
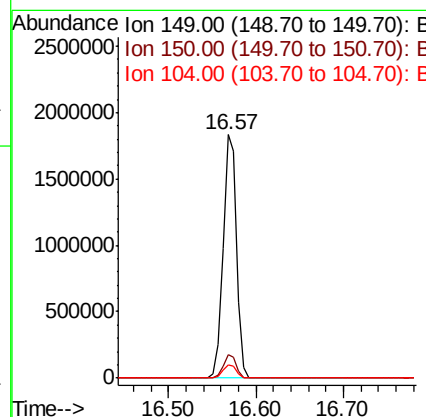
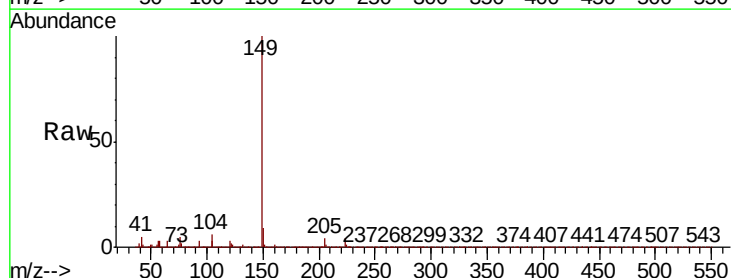
Instrument :
 BNA_P
 ClientSampleId :

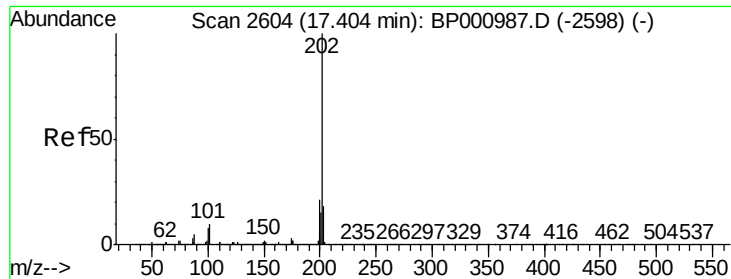
Tot Ion:167 Resp: 1581035
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.6 26.4
 139 13.4 10.6 15.8



#74
 Di-n-butylphthalate
 Concen: 40.085 ng
 RT: 16.57 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: BP001019.D
 Acq: 11 Nov 2019 16:31

Tgt Ion:149 Resp: 1938221
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 5.6 4.2 6.4





#75

Fluoranthene

Concen: 40.176 ng

RT: 17.40 min Scan# 2604

Delta R.T. -0.00 min

Lab File: BP001019.D

Acq: 11 Nov 2019 16:31

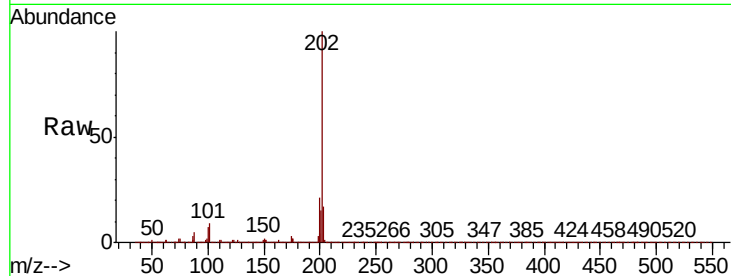
Instrument :

BNA_P

ClientSampleId :

Tot Ion:202 Resp: 2034267

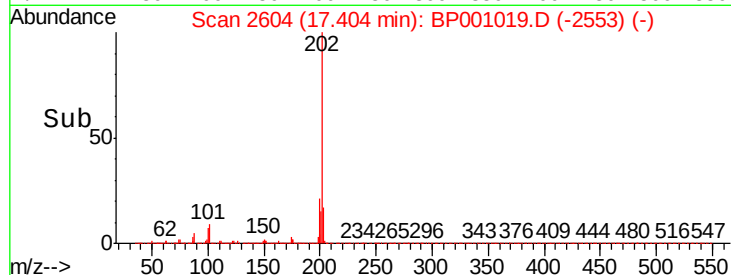
Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	30.1
203	17.2	0.0	37.7



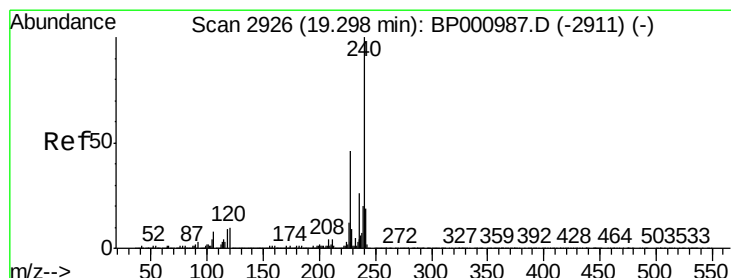
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 17.30 17.40 17.50 17.60



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.30 min Scan# 2926

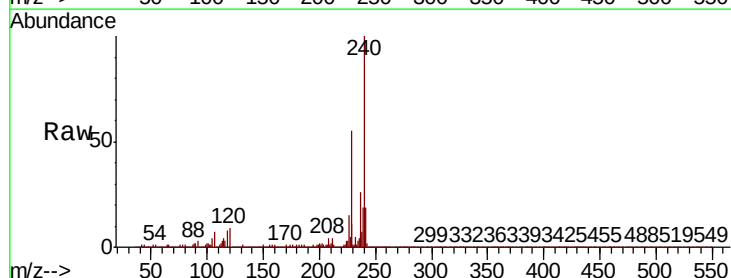
Delta R.T. -0.00 min

Lab File: BP001019.D

Acq: 11 Nov 2019 16:31

Tgt Ion:240 Resp: 761490

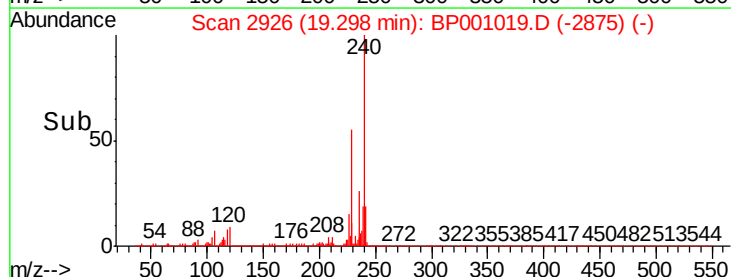
Ion	Ratio	Lower	Upper
240	100		
120	9.1	8.2	12.2
236	26.2	20.5	30.7



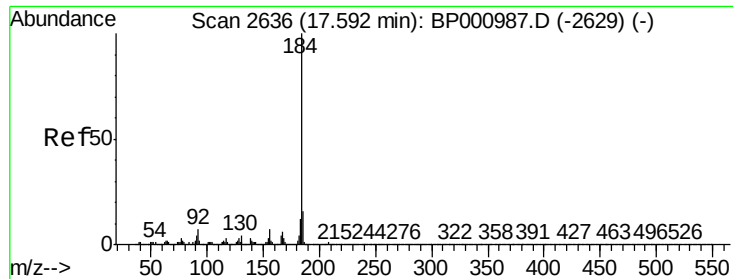
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 19.20 19.30 19.40



#77

Benzidine

Concen: 35.887 ng

RT: 17.59 min Scan# 2636

Delta R.T. -0.00 min

Lab File: BP001019.D

Acq: 11 Nov 2019 16:31

Instrument :

BNA_P

ClientSampleId :

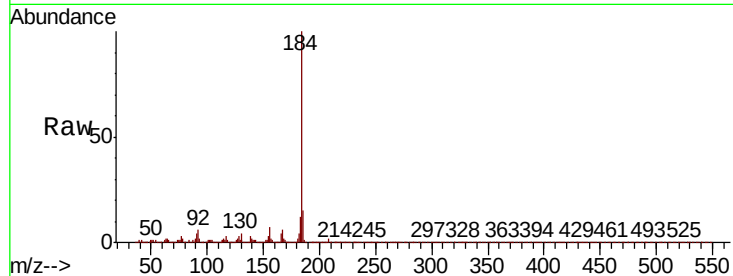
Tot Ion:184 Resp: 1006359

Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.6	18.8
183	12.1	9.8	14.6

184 100

185 15.0 12.6 18.8

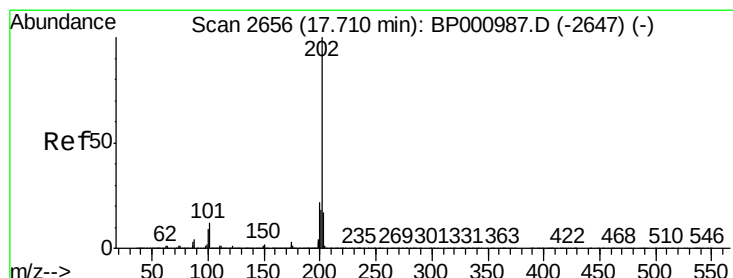
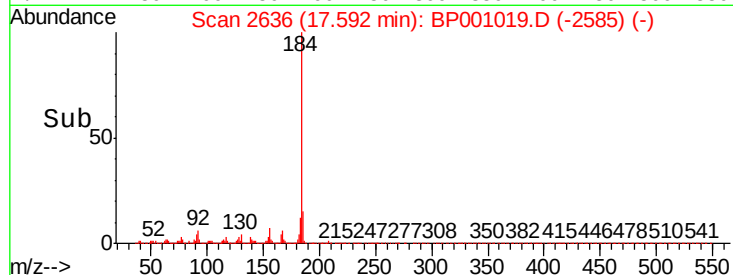
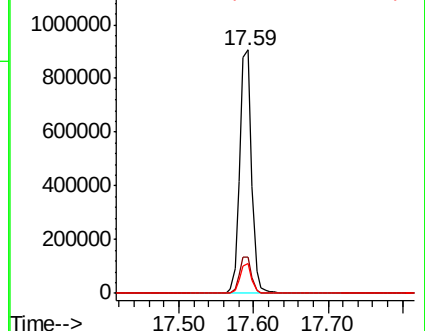
183 12.1 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.927 ng

RT: 17.71 min Scan# 2656

Delta R.T. -0.00 min

Lab File: BP001019.D

Acq: 11 Nov 2019 16:31

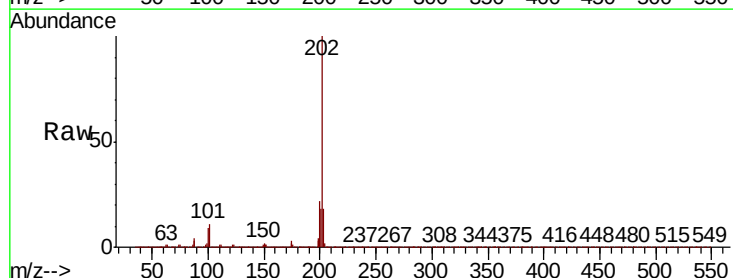
Tgt Ion:202 Resp: 2041066

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.2	25.8
203	17.6	14.0	21.0

202 100

200 21.6 17.2 25.8

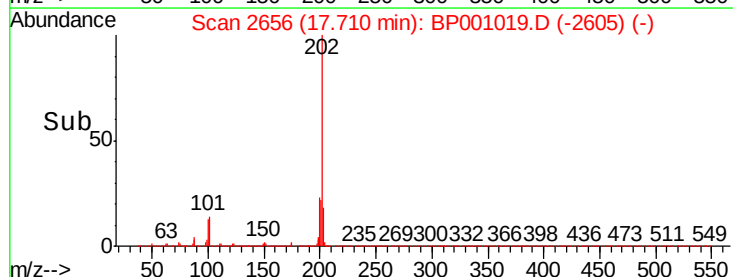
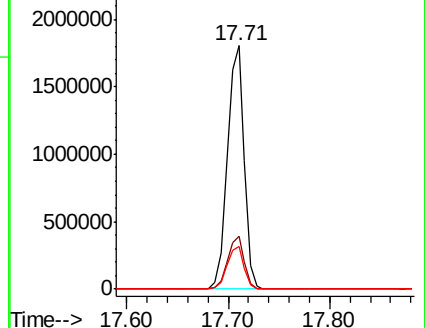
203 17.6 14.0 21.0

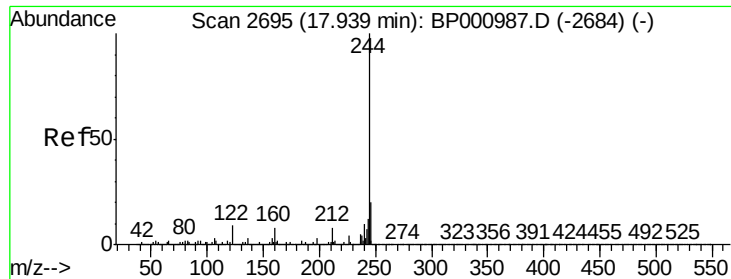


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.447 ng

RT: 17.94 min Scan# 2695

Delta R.T. -0.00 min

Lab File: BP001019.D

Acq: 11 Nov 2019 16:31

Instrument :

BNA_P

ClientSampleId :

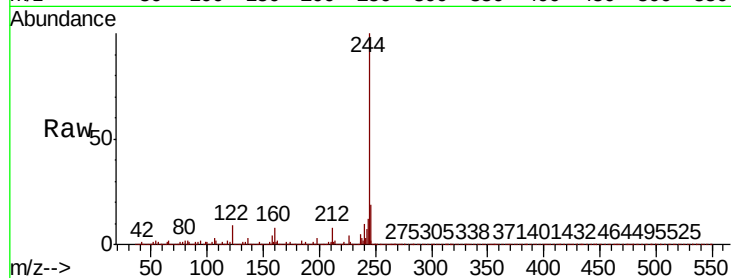
Tot Ion:244 Resp: 3079677

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

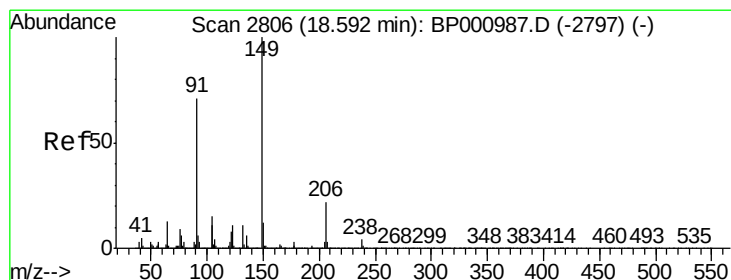
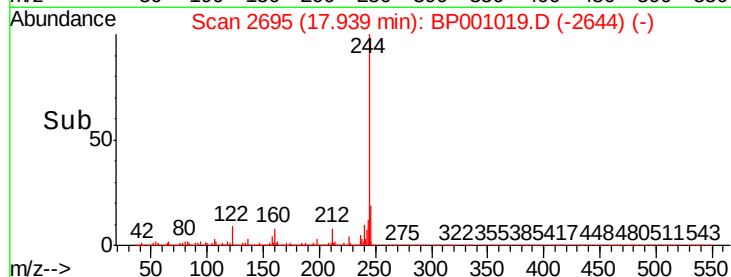
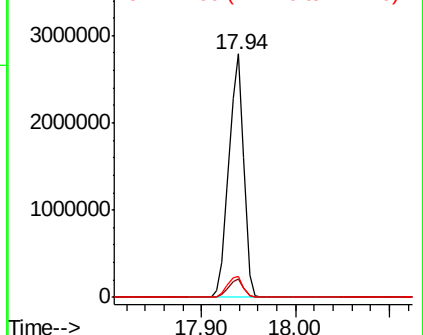
122 8.6 7.4 11.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.611 ng

RT: 18.59 min Scan# 2806

Delta R.T. -0.00 min

Lab File: BP001019.D

Acq: 11 Nov 2019 16:31

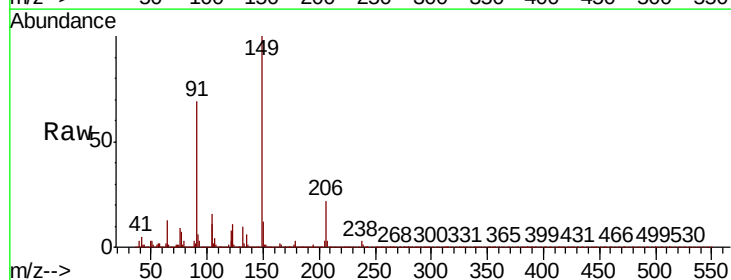
Tgt Ion:149 Resp: 822754

Ion Ratio Lower Upper

149 100

91 69.0 56.6 84.8

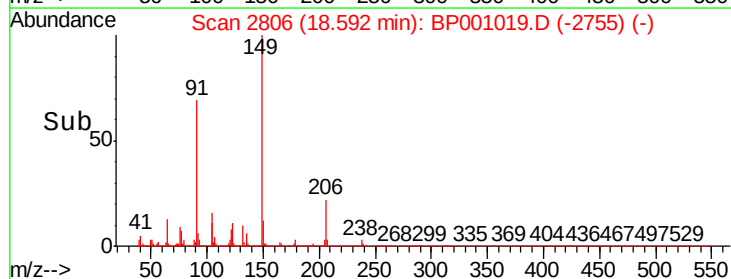
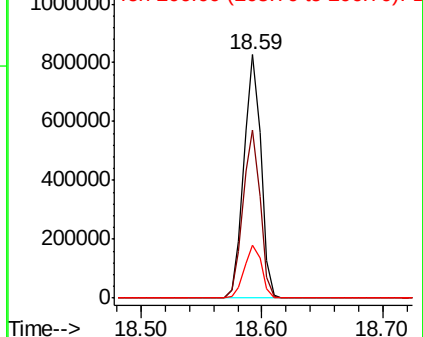
206 21.8 18.0 27.0

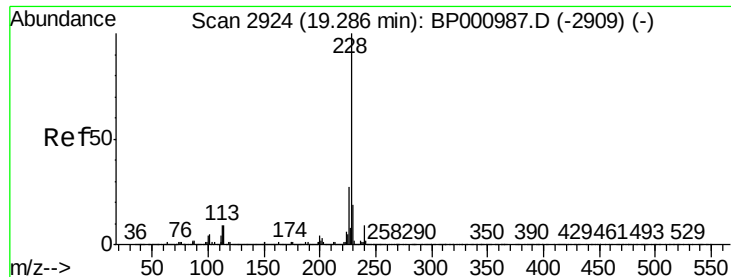


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E

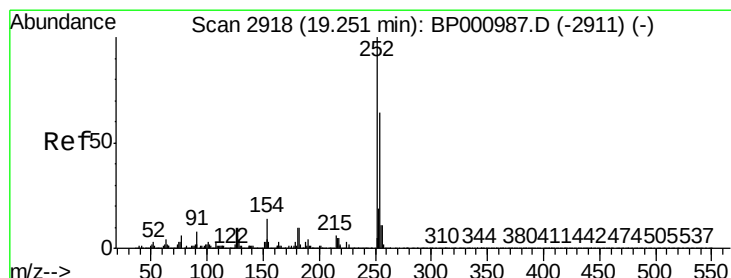
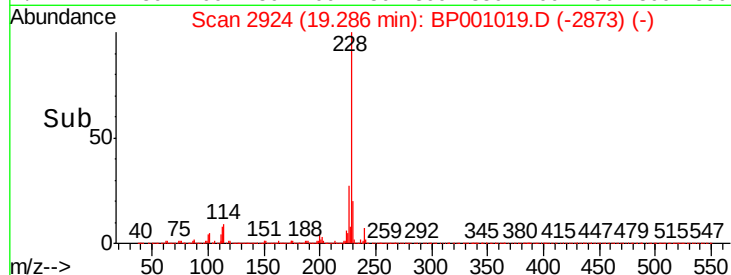
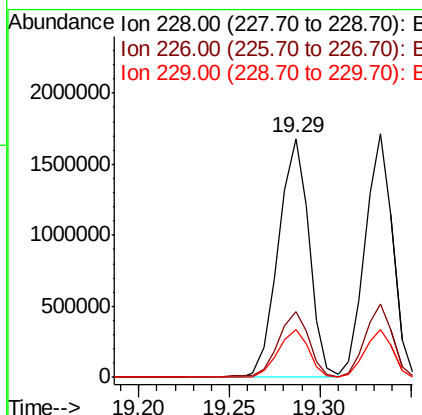
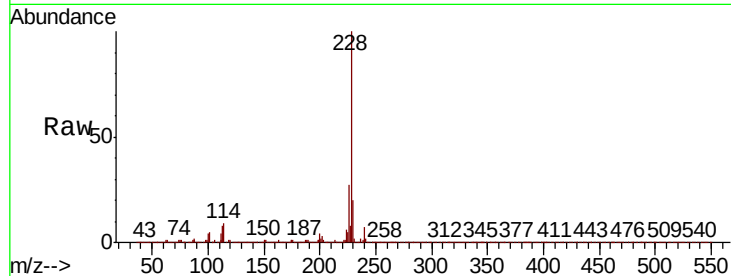




#81
Benzo(a)anthracene
Concen: 38.813 ng
RT: 19.29 min Scan# 2924
Delta R.T. -0.00 min
Lab File: BP001019.D
Acq: 11 Nov 2019 16:31

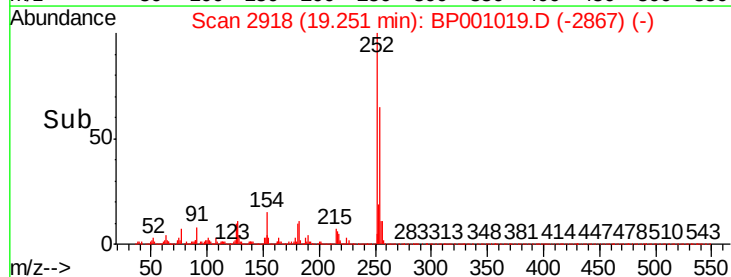
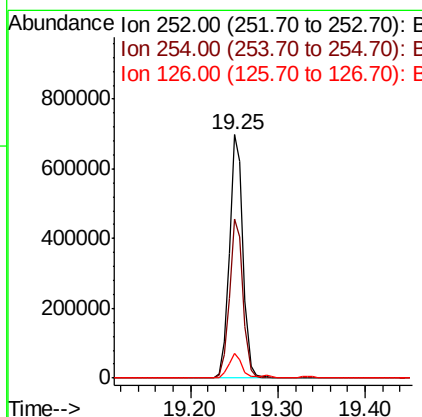
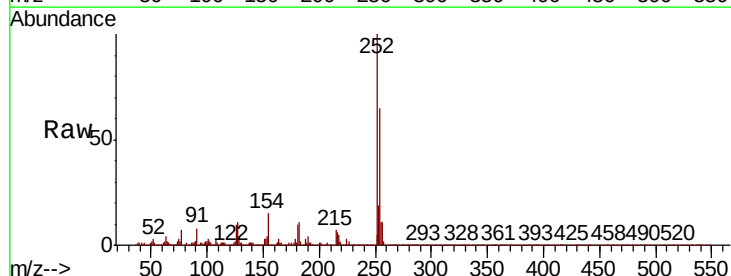
Instrument :
BNA_P
ClientSampled :

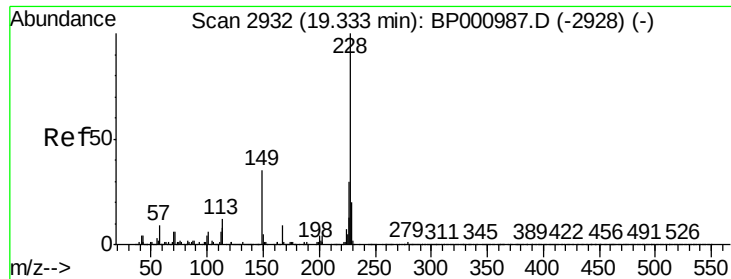
Tot Ion:228 Resp: 1990570
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.8 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 39.320 ng
RT: 19.25 min Scan# 2918
Delta R.T. -0.00 min
Lab File: BP001019.D
Acq: 11 Nov 2019 16:31

Tgt Ion:252 Resp: 735252
Ion Ratio Lower Upper
252 100
254 65.4 51.1 76.7
126 10.3 8.3 12.5

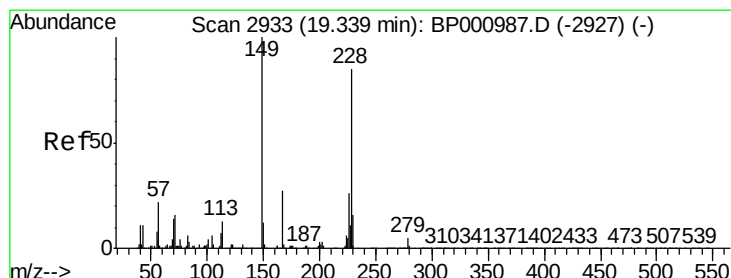
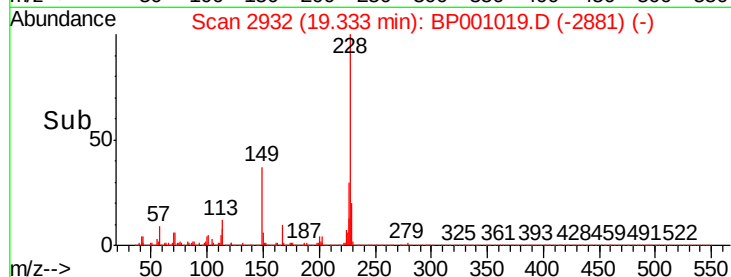
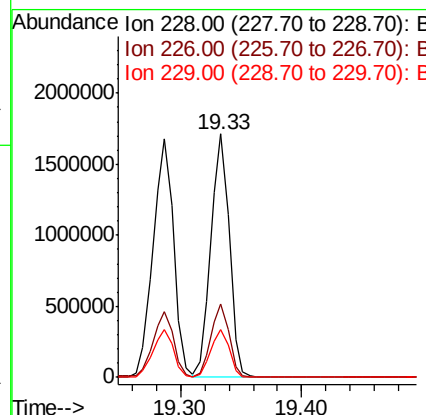
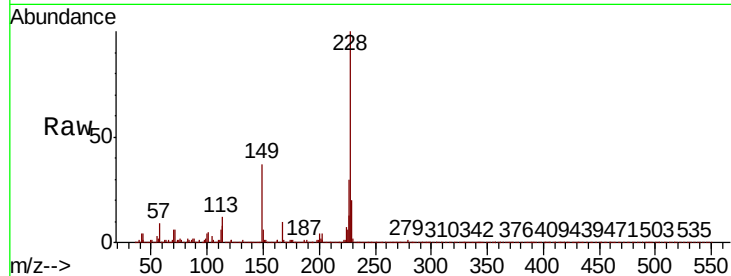




#83
 Chrysene
 Concen: 40.204 ng
 RT: 19.33 min Scan# 2932
 Delta R.T. -0.00 min
 Lab File: BP001019.D
 Acq: 11 Nov 2019 16:31

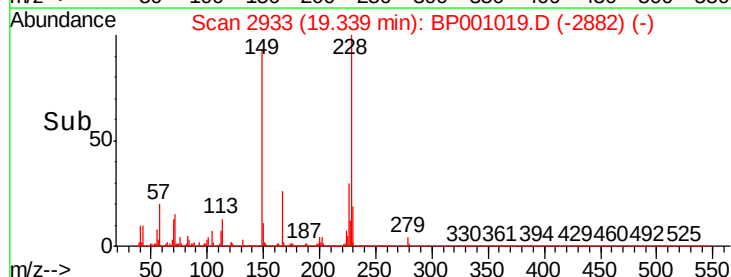
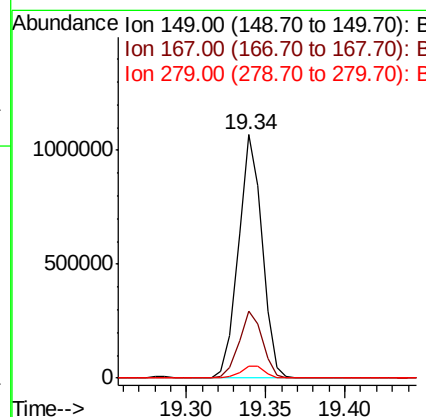
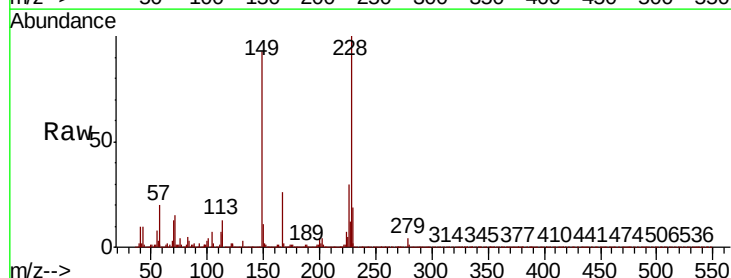
Instrument :
 BNA_P
 ClientSampled :

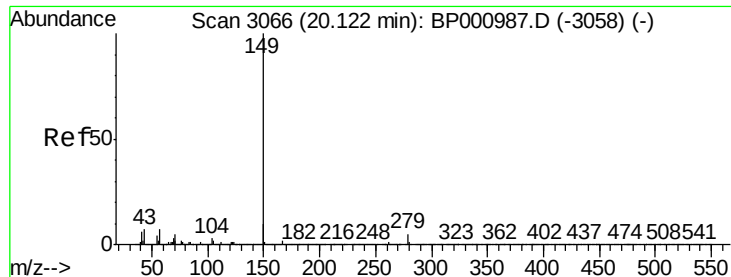
Tot Ion:228 Resp: 1810209
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.2 36.2
 229 19.7 15.8 23.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.649 ng
 RT: 19.34 min Scan# 2933
 Delta R.T. -0.00 min
 Lab File: BP001019.D
 Acq: 11 Nov 2019 16:31

Tgt Ion:149 Resp: 1101324
 Ion Ratio Lower Upper
 149 100
 167 27.6 21.4 32.2
 279 4.7 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 40.319 ng

RT: 20.12 min Scan# 3066

Delta R.T. -0.00 min

Lab File: BP001019.D

Acq: 11 Nov 2019 16:31

Instrument :

BNA_P

ClientSampleId :

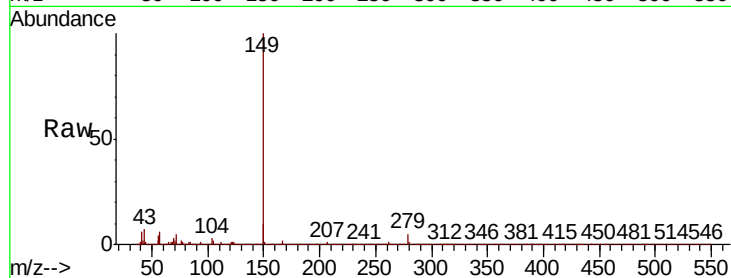
Tot Ion:149 Resp: 1966539

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

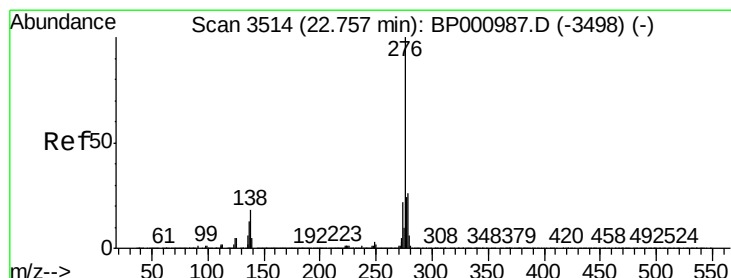
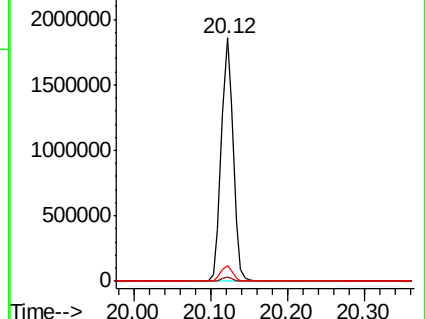
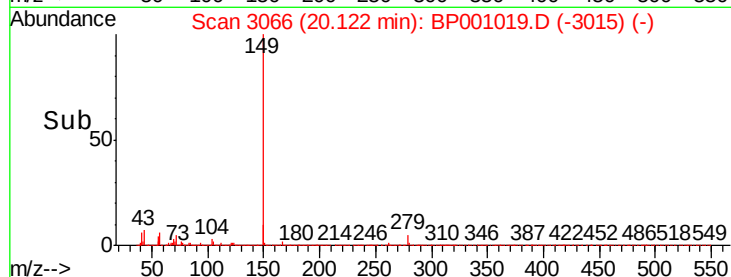
43 6.6 5.6 8.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BP0



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.222 ng

RT: 22.76 min Scan# 3514

Delta R.T. -0.00 min

Lab File: BP001019.D

Acq: 11 Nov 2019 16:31

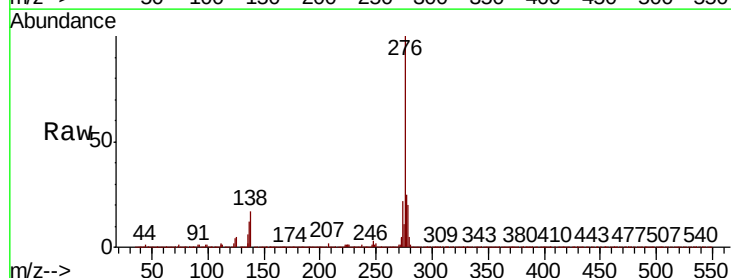
Tgt Ion:276 Resp: 2478019

Ion Ratio Lower Upper

276 100

138 19.6 17.6 26.4

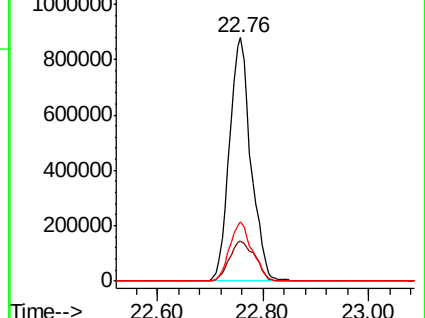
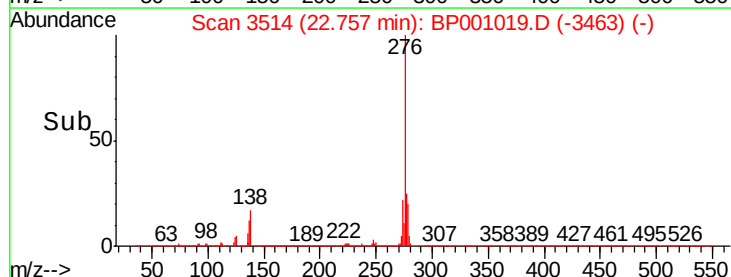
277 25.4 20.2 30.4

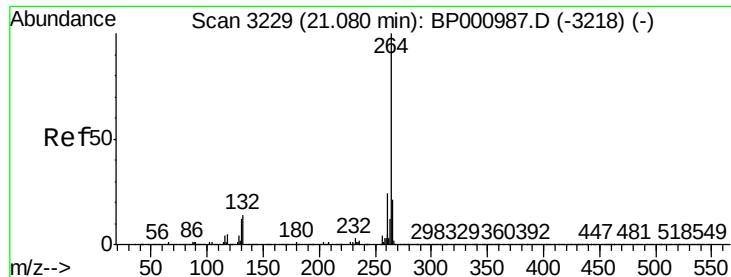


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 21.08 min Scan# 3229

Delta R.T. -0.00 min

Lab File: BP001019.D

Acq: 11 Nov 2019 16:31

Instrument :

BNA_P

ClientSampleId :

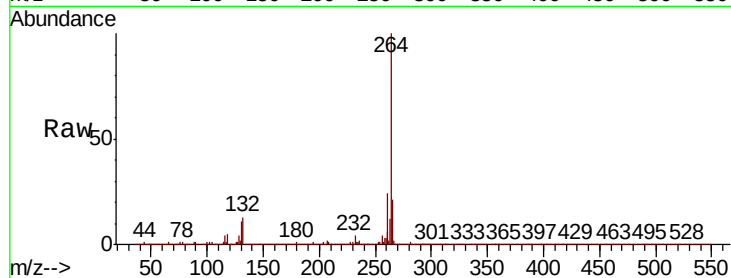
Tot Ion:264 Resp: 895017

Ion Ratio Lower Upper

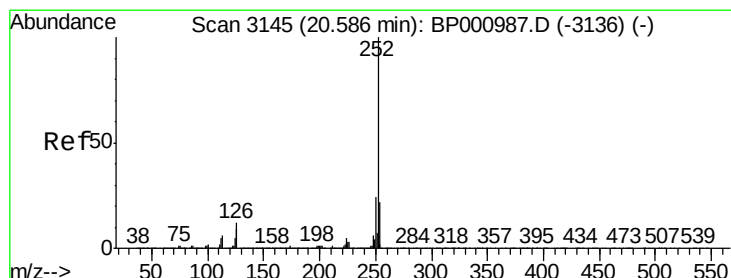
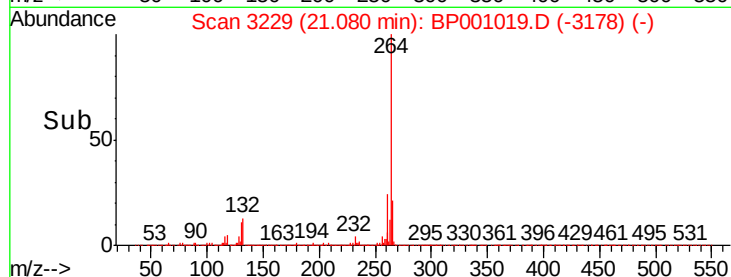
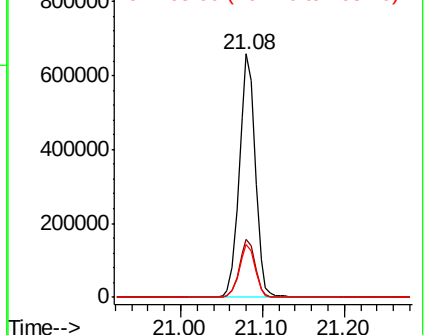
264 100

260 24.0 18.8 28.2

265 21.5 17.1 25.7



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 37.833 ng

RT: 20.63 min Scan# 3152

Delta R.T. 0.04 min

Lab File: BP001019.D

Acq: 11 Nov 2019 16:31

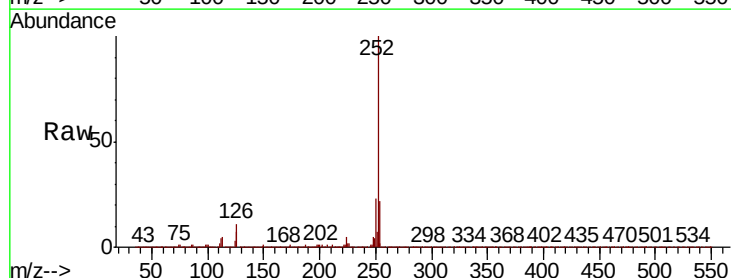
Tgt Ion:252 Resp: 2018405

Ion Ratio Lower Upper

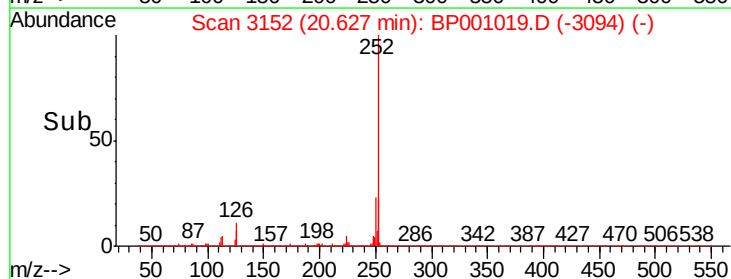
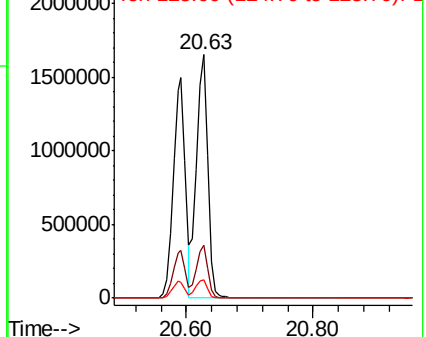
252 100

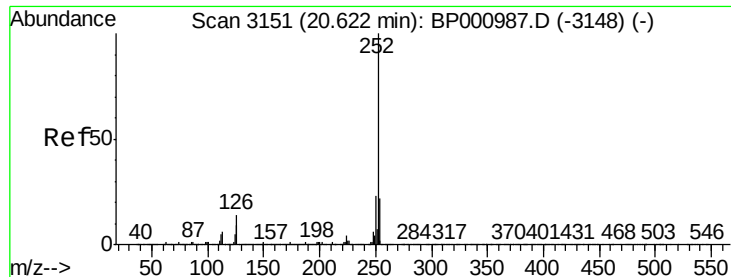
253 21.5 17.9 26.9

125 7.4 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

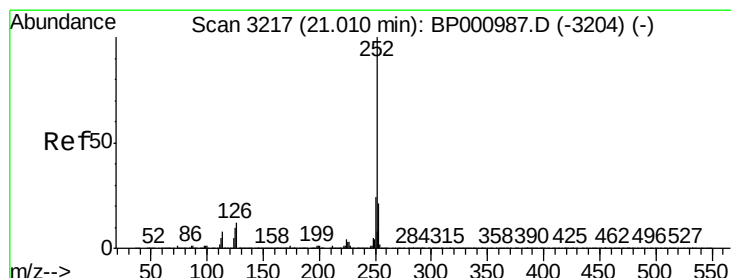
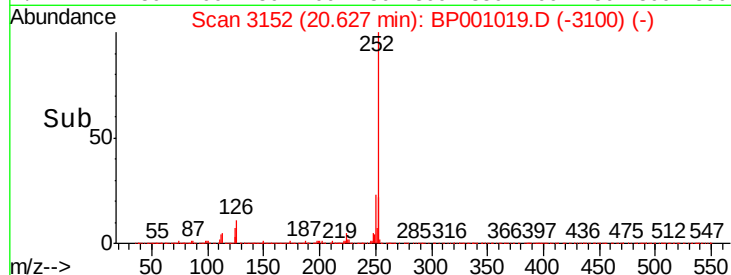
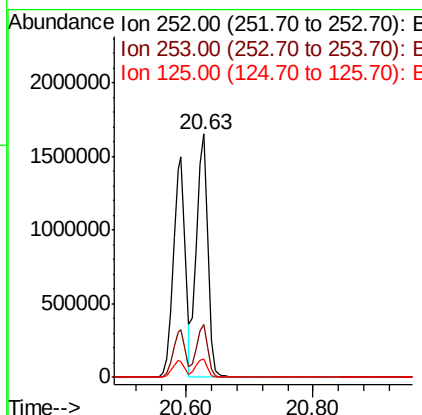
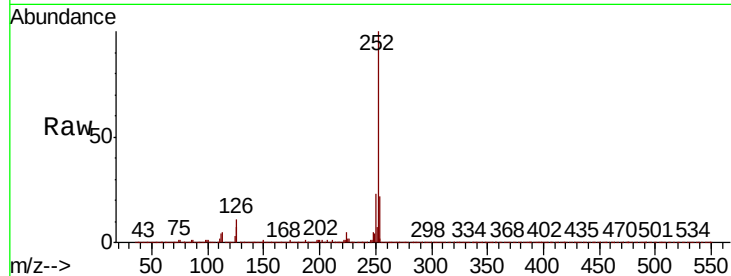




#89
Benzo(k)fluoranthene
Concen: 40.191 ng
RT: 20.63 min Scan# 3152
Delta R.T. 0.01 min
Lab File: BP001019.D
Acq: 11 Nov 2019 16:31

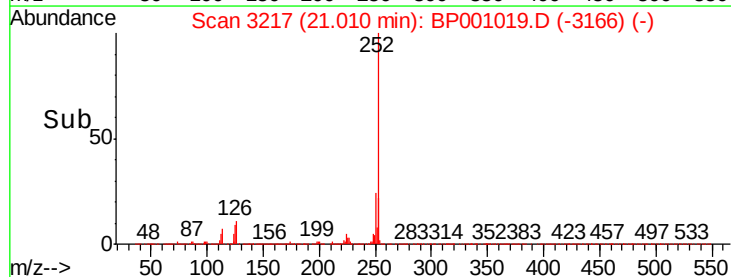
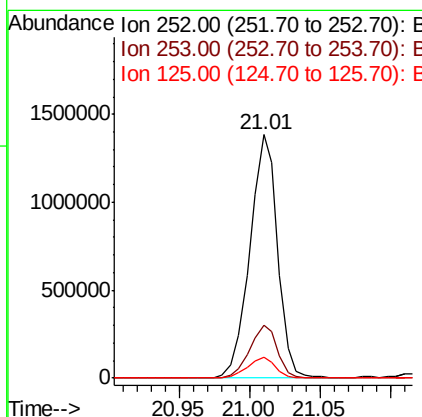
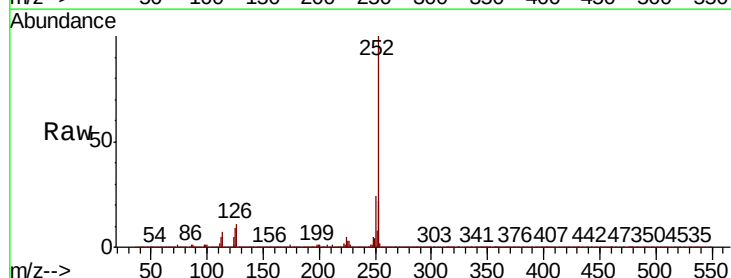
Instrument :
BNA_P
ClientSampled :

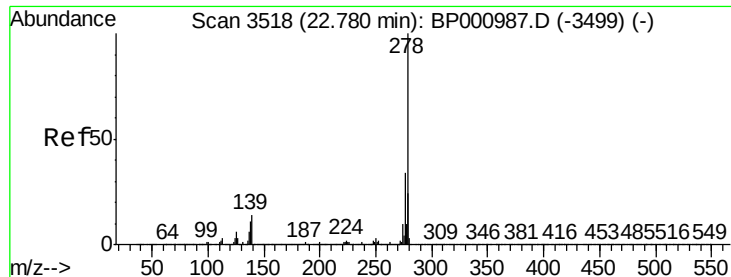
Tot Ion:252 Resp: 2018405
Ion Ratio Lower Upper
252 100
253 21.5 17.7 26.5
125 7.4 7.3 10.9



#90
Benzo(a)pyrene
Concen: 38.945 ng
RT: 21.01 min Scan# 3217
Delta R.T. -0.00 min
Lab File: BP001019.D
Acq: 11 Nov 2019 16:31

Tgt Ion:252 Resp: 1910572
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 8.8 7.6 11.4

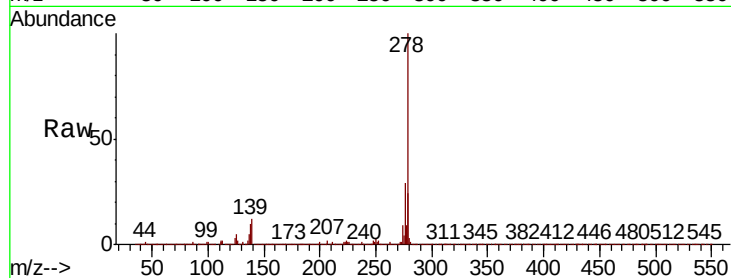




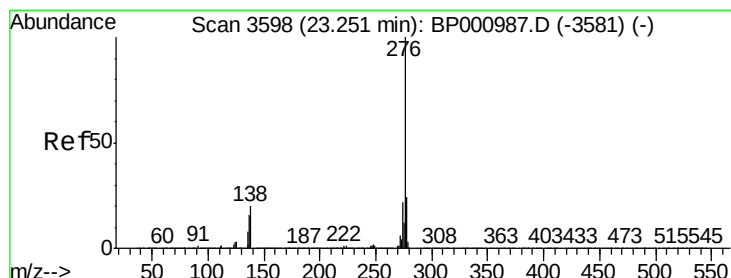
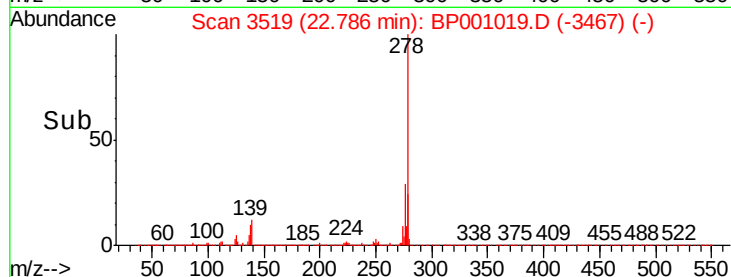
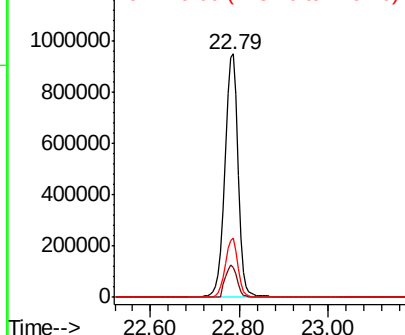
#91
Dibenzo(a,h)anthracene
Concen: 40.272 ng
RT: 22.79 min Scan# 3519
Delta R.T. 0.01 min
Lab File: BP001019.D
Acq: 11 Nov 2019 16:31

Instrument :
BNA_P
ClientSampleId :

Tot Ion:278 Resp: 2016387
Ion Ratio Lower Upper
278 100
139 12.2 11.3 16.9
279 24.2 19.1 28.7

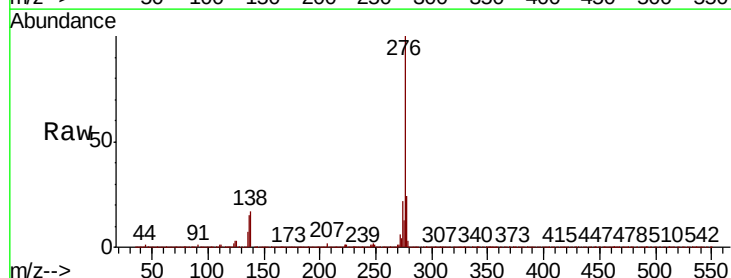


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 39.497 ng
RT: 23.25 min Scan# 3598
Delta R.T. -0.00 min
Lab File: BP001019.D
Acq: 11 Nov 2019 16:31

Tgt Ion:276 Resp: 1991311
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.4
138 16.8 15.7 23.5



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

